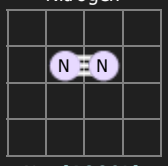
Tunnels I

by Zach

Inputs

Nitrogen



N_2 **(100%)**

Outputs

Nitrogen

N **(10)**

Features

Tunnels II

by Zach

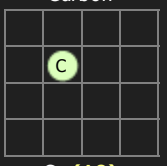
Inputs

Methane

CH_4 **(100%)**

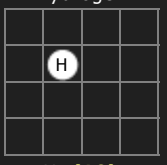
Outputs

Carbon



C **(10)**

Hydrogen



H **(10)**

Features

Tunnels III

by Zach

Inputs

Silicon Fragment

Si **(100%)**

Arsenic

As **(100%)**

Outputs

Silicon Fragment (-)

Si / As **(10)**

Silicon

Si **(10)**

Features

2×

Fission I

by Zach

Inputs

Helium

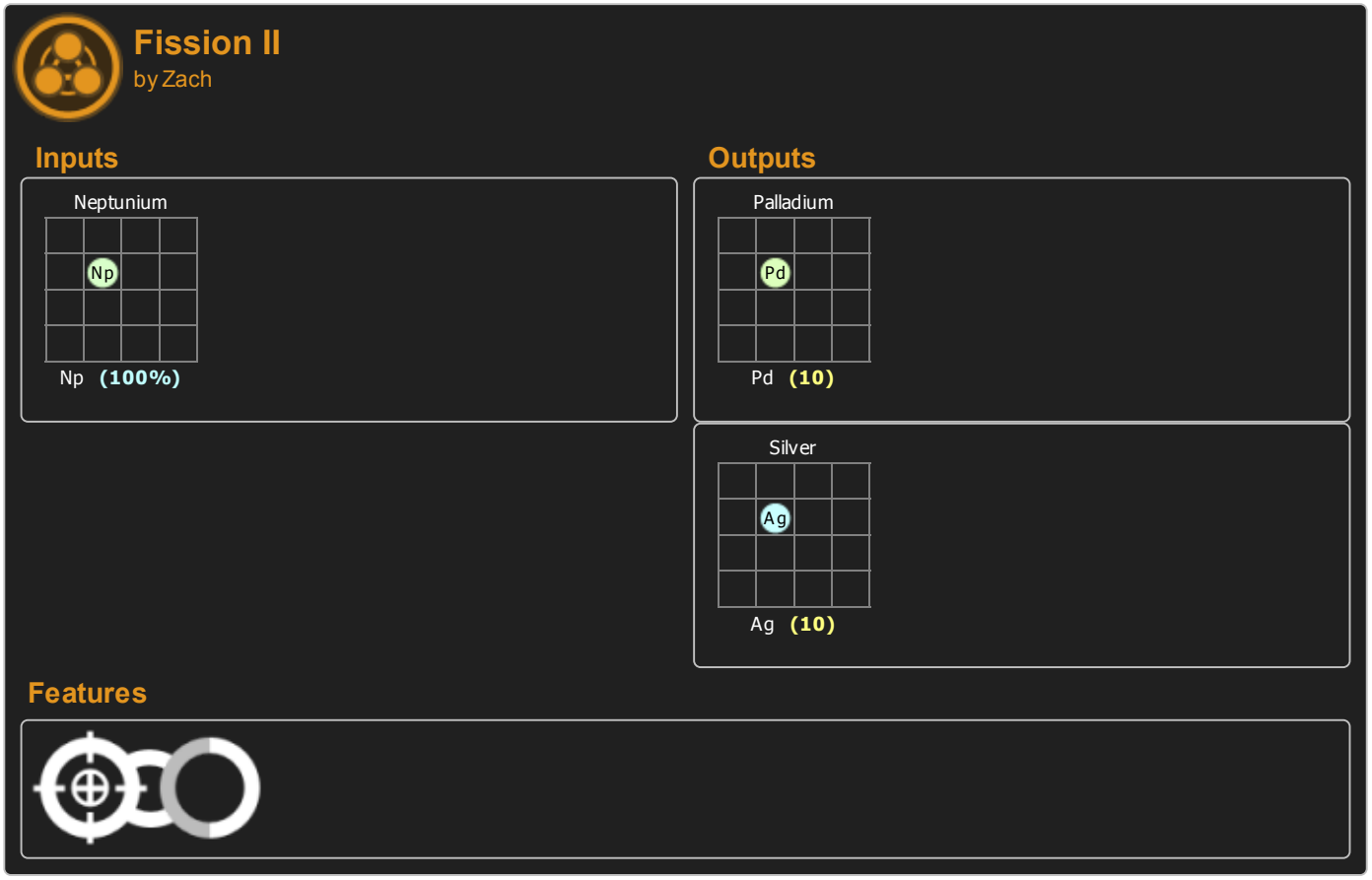
He **(100%)**

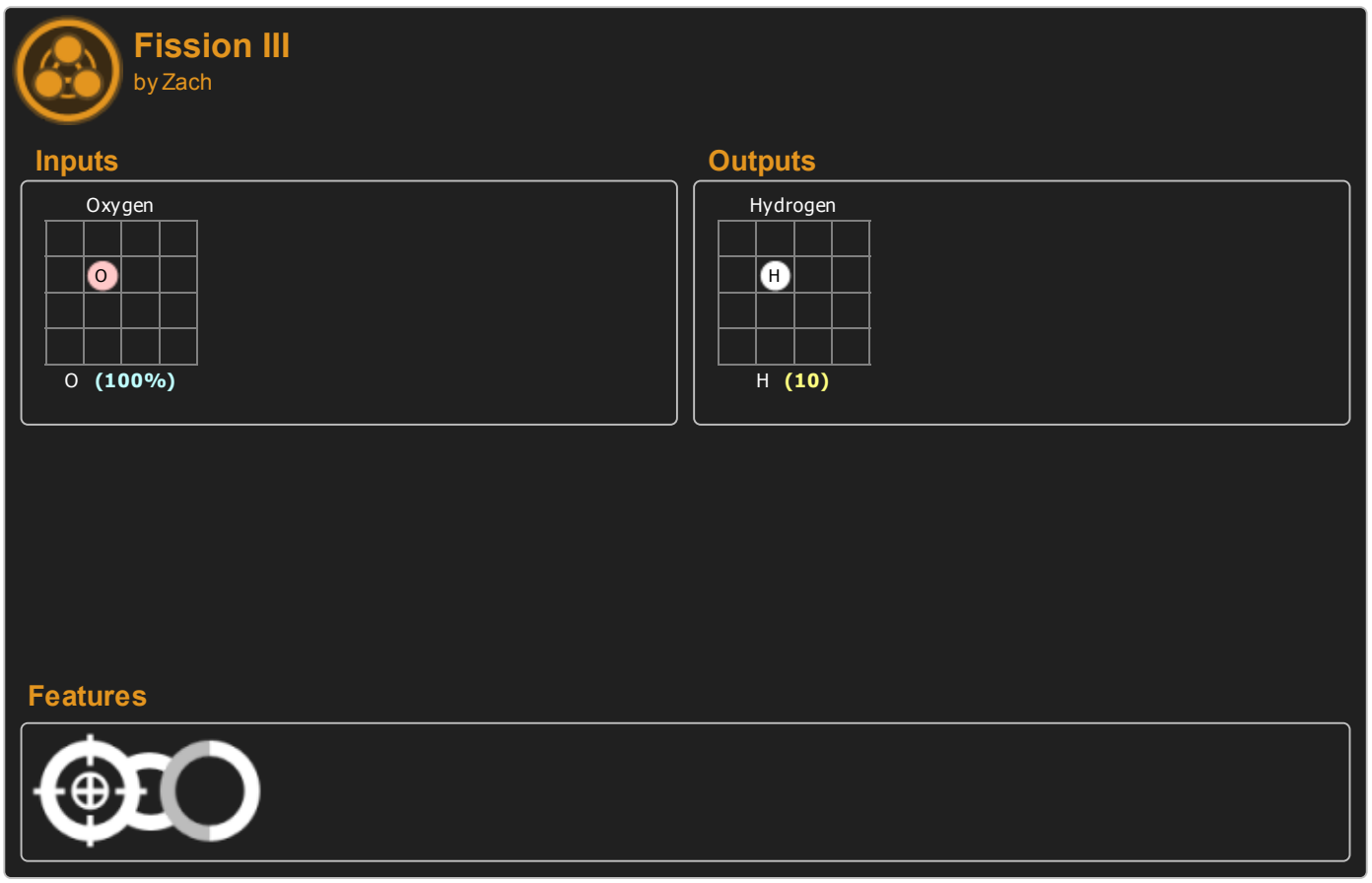
Outputs

Hydrogen

H **(10)**

Features


Fission II
by Zach
Inputs
Neptunium
Np
Np (100%)
Outputs
Palladium
Pd
Pd (10)
Silver
Ag
Ag (10)
Features

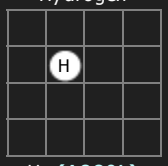

Fission III
by Zach
Inputs
Oxygen
O
O (100%)
Outputs
Hydrogen
H
H (10)
Features

Chloroform

by Nemoricus

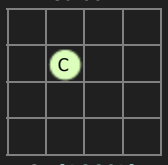
Inputs

Hydrogen



H **(100%)**

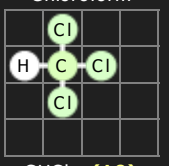
Carbon



C **(100%)**

Outputs

Chloroform



$CHCl_3$ **(10)**

Features

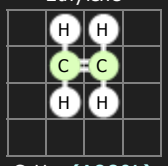
2×

Cycloaddition

by Nemoricus

Inputs

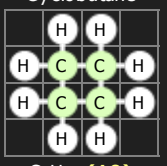
Ethylene



C_2H_4 **(100%)**

Outputs

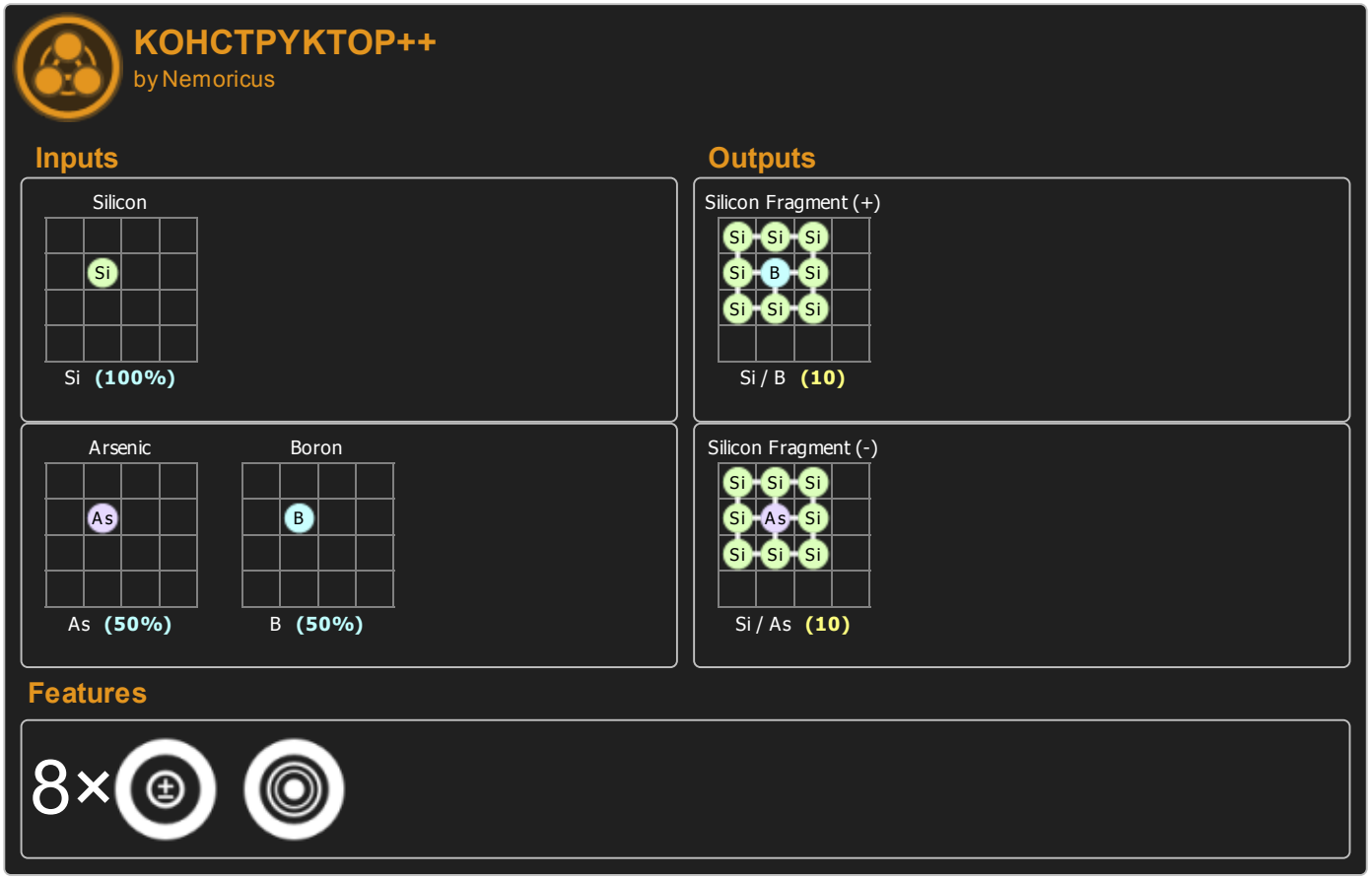
Cyclobutane



C_4H_8 **(10)**

Features

4×

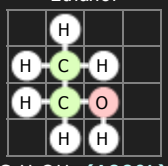

KOHCTPYKTOP++
by Nemoricus
Inputs
Silicon
Si
Si (100%)
Outputs
Silicon Fragment (+)
Si Si Si
Si B Si
Si Si Si
Si / B (10)
Arsenic
As
As (50%)
Boron
B
B (50%)
Silicon Fragment (-)
Si Si Si
Si As Si
Si Si Si
Si / As (10)
Features
8×

Quantum Decomposition

by TCoZ

Inputs

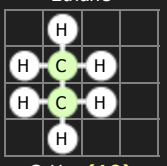
Ethanol



C_2H_5OH **(100%)**

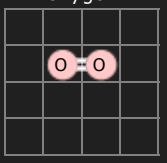
Outputs

Ethane



C_2H_6 **(10)**

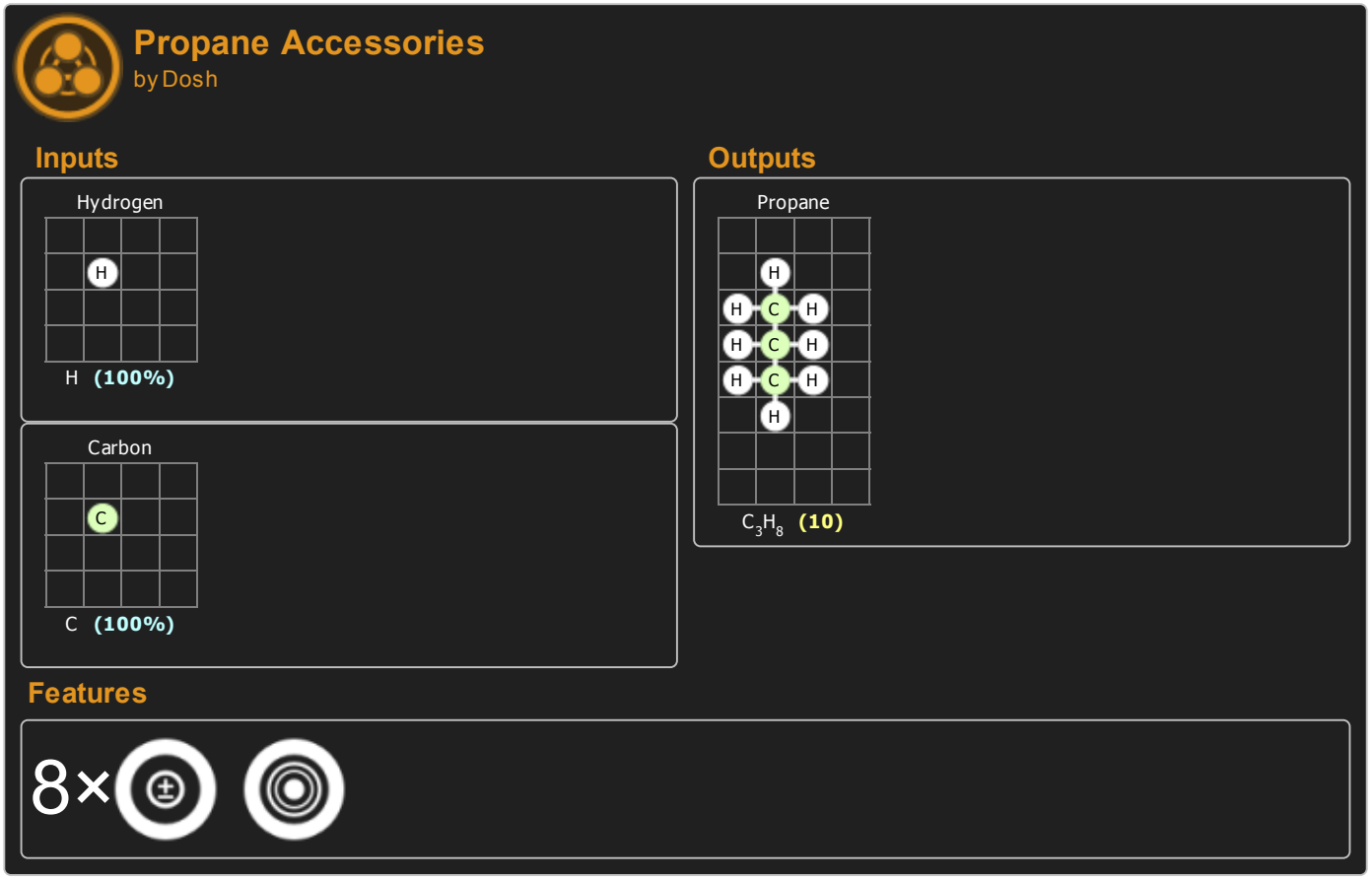
Oxygen



O_2 **(10)**

Features

4×

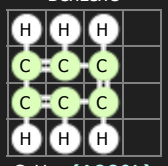

Propane Accessories
by Dosh
Inputs
Hydrogen
H
H (100%)
Carbon
C
C (100%)
Outputs
Propane
H
H C H
H C H
H C H
H
C3H8 (10)
Features
8×

Benzoic Acid

by Kanddak

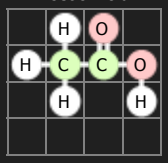
Inputs

Benzene



C_6H_6 **(100%)**

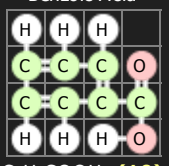
Acetic Acid



CH_3COOH
(100%)

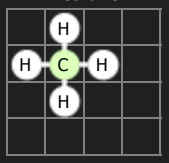
Outputs

Benzoic Acid



C_6H_5COOH **(10)**

Methane



CH_4 **(10)**

Features

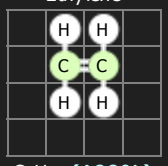
4×

Electrophilic Addition

by spinatkuchen

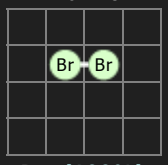
Inputs

Ethylene



C_2H_4 **(100%)**

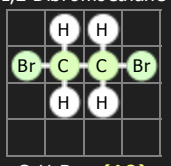
Bromine



Br_2 **(100%)**

Outputs

1,2-Dibromoethane



$C_2H_4Br_2$ **(10)**

Features

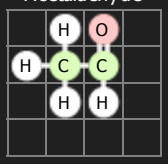
4×

Diethyl Ether

by Wolfram

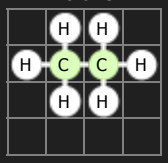
Inputs

Acetaldehyde



CH_3CHO **(100%)**

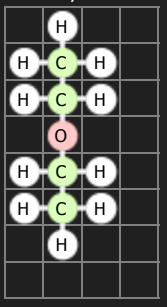
Ethane



C_2H_6 **(100%)**

Outputs

Diethyl Ether



$(C_2H_5)_2O$ **(10)**

Features

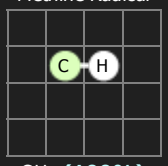
4×

2-Hexene

by Portponky

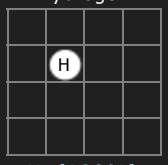
Inputs

Methine Radical



CH **(100%)**

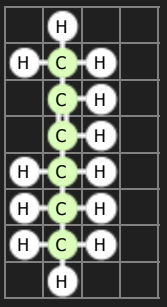
Hydrogen



H **(100%)**

Outputs

2-Hexene



C_6H_{12} **(10)**

Features

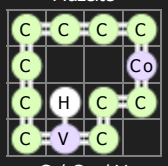
4×

Mazeite'

by Nic

Inputs

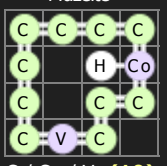
Mazeite



C / Co / V
(100%)

Outputs

Mazeite'



C / Co / V **(10)**

Features

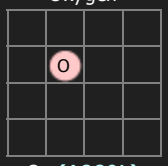
2×

Silica

by Kanddak

Inputs

Oxygen



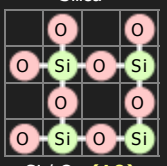
O **(100%)**

Silicon

Si **(100%)**

Outputs

Silica



Si / O **(10)**

Features

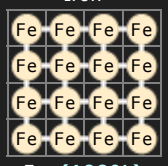
8×

Galvanization

by andy

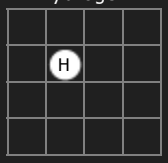
Inputs

Iron



Fe **(100%)**

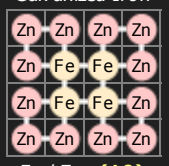
Hydrogen



H **(100%)**

Outputs

Galvanized Iron



Fe / Zn **(10)**

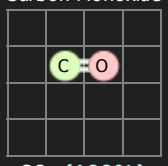
Features

Industrial Methanol

by Patrick

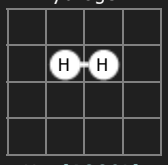
Inputs

Carbon Monoxide



CO **(100%)**

Hydrogen



H_2 **(100%)**

Outputs

Methanol

CH_3OH **(10)**

Features

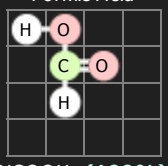
4×

Glyoxylic Acid

by Kdapro

Inputs

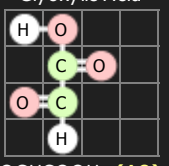
Formic Acid



HCOOH **(100%)**

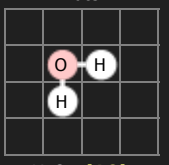
Outputs

Glyoxylic Acid



OCHCOOH **(10)**

Water



H_2O **(10)**

Features

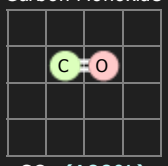
4×

Bioplastic

by Sniped50

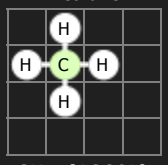
Inputs

Carbon Monoxide



CO **(100%)**

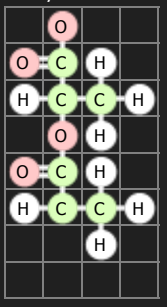
Methane



CH_4 **(100%)**

Outputs

Polylactic Acid



$(C_3H_4O_2)n$ **(10)**

Features

8×

Chlorination

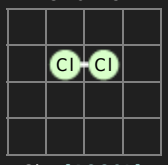
by Dischorran

Inputs

Borane

BH_3 **(100%)**

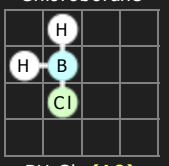
Chlorine



Cl_2 **(100%)**

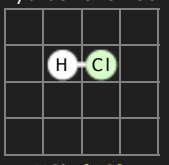
Outputs

Chloroborane



BH_2Cl **(10)**

Hydrochloric Acid



HCl **(10)**

Features

Sulfuric Acid

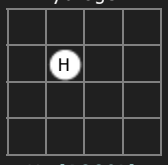
by Nemoricus

Inputs

Sulfur

S **(100%)**

Hydrogen



H **(100%)**

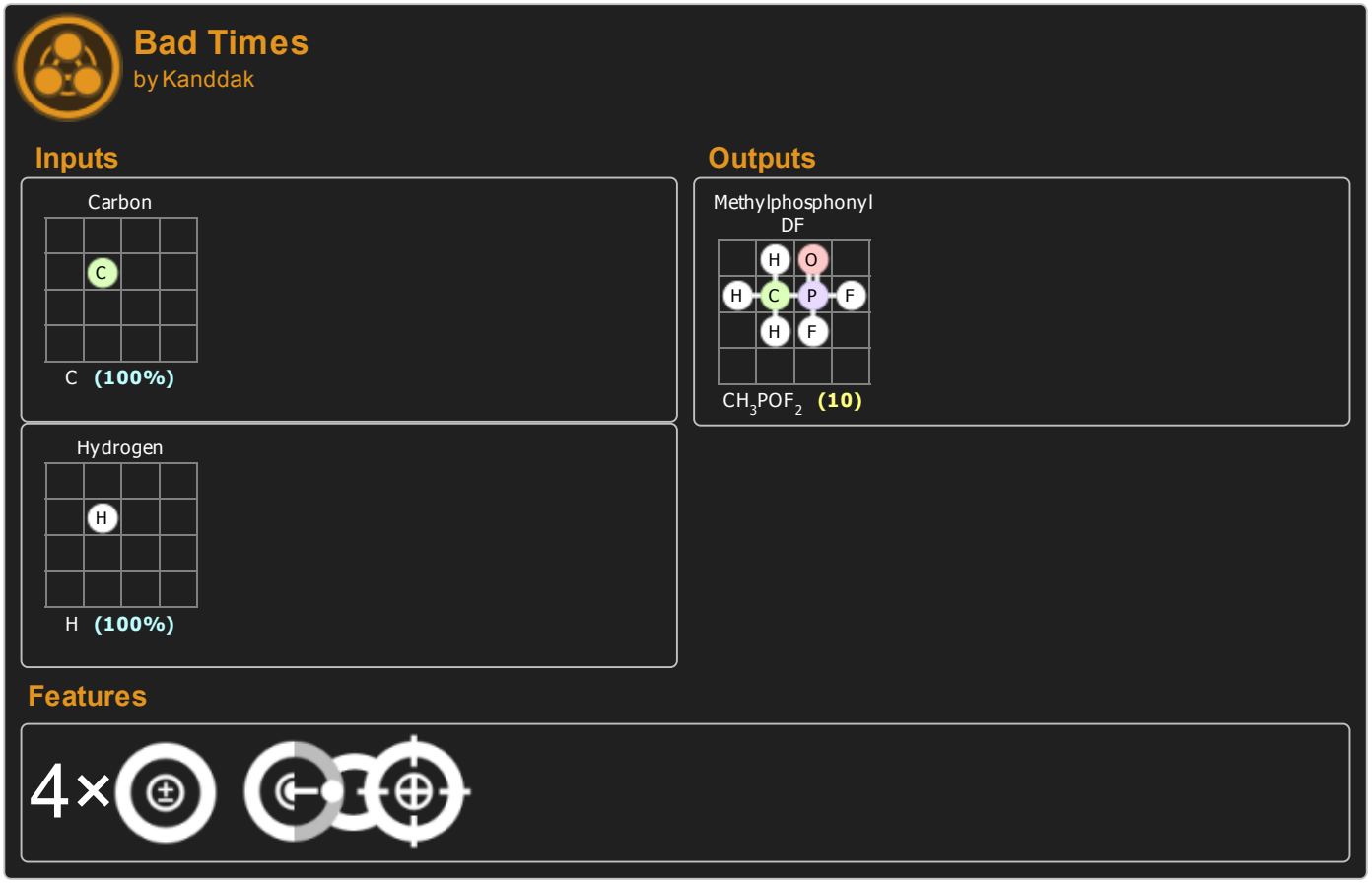
Outputs

Sulfuric Acid

H_2SO_4 **(10)**

Features

4×

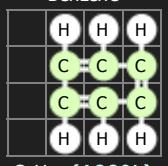

Bad Times
by Kanddak
Inputs
Carbon
C
C (100%)
Hydrogen
H
H (100%)
Outputs
Methylphosphonyl DF
H
O
H
C
P
F
H
F
CH3POF2 (10)
Features
4×

Friedel-Crafts

by Jseah

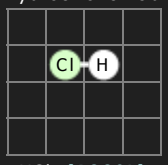
Inputs

Benzene



C_6H_6 **(100%)**

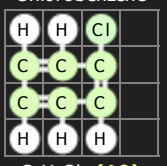
Hydrochloric Acid



HCl **(100%)**

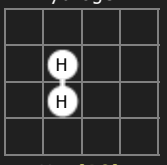
Outputs

Chlorobenzene



C_6H_5Cl **(10)**

Hydrogen



H_2 **(10)**

Features

4×

Wöhler Synthesis

by Kanddak

Inputs

Ammonium

NH_4 **(100%)**

Cyanate

NCO **(100%)**

Outputs

Urea

$(NH_2)_2CO$ **(10)**

Features

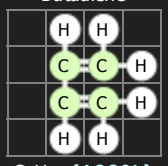
4×

Diels-Alder

by Jseah

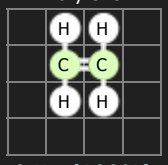
Inputs

Butadiene



C_4H_6 **(100%)**

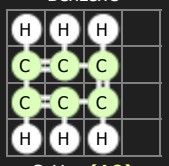
Ethylene



C_2H_4 **(100%)**

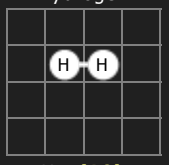
Outputs

Benzene



C_6H_6 **(10)**

Hydrogen



H_2 **(10)**

Features

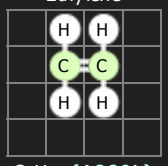
4×

Bad Times, Part II

by cake>pie

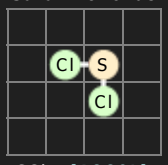
Inputs

Ethylene



C_2H_4 **(100%)**

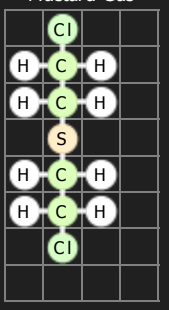
Sulfur Dichloride



SCl_2 **(100%)**

Outputs

Mustard Gas



$(Cl\text{-}CH_2CH_2)_2S$

(10)

Features

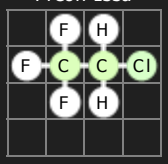
4× ±

Freon

by Nic

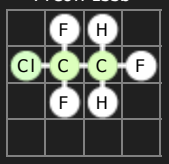
Inputs

Freon 133a



$C_2H_2ClF_3$ **(50%)**

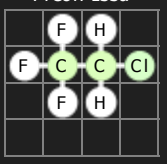
Freon 133b



$C_2H_2ClF_3$ **(50%)**

Outputs

Freon 133a



$C_2H_2ClF_3$ **(10)**

Features

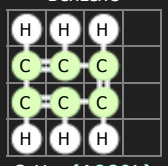
4×

Benzene Derivatives

by Wolfram

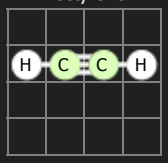
Inputs

Benzene



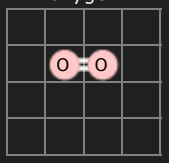
C_6H_6 **(100%)**

Acetylene



C_2H_2 **(50%)**

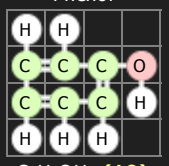
Oxygen



O_2 **(50%)**

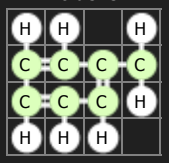
Outputs

Phenol



C_6H_5OH **(10)**

Toluene



$C_6H_5(CH_2)$ **(10)**

Features

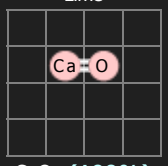
4×

Portland Cement

by Scigatt

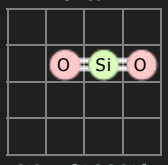
Inputs

Lime



CaO **(100%)**

Silica



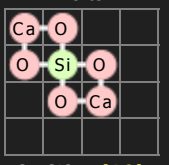
SiO_2 **(100%)**

Outputs

Alite

Ca_3SiO_5 **(10)**

Belite



Ca_2SiO_4 **(10)**

Features

8×

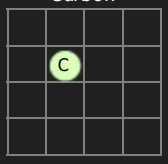

Solder Coarsening
by Dischorran
Inputs
Solder
Sn Pb Sn Pb
Pb Sn Pb Sn
Sn Pb Sn Pb
Pb Sn Pb Sn
Pb / Sn (100%)
Outputs
Biphasic Solder
Pb Pb Pb Pb
Pb Pb Pb Pb
Sn Sn Sn Sn
Sn Sn Sn Sn
Pb / Sn (10)
Features
8×

Graphene

by Steve42

Inputs

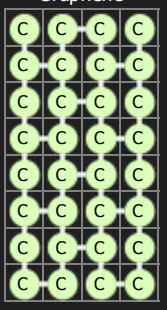
Carbon



C **(100%)**

Outputs

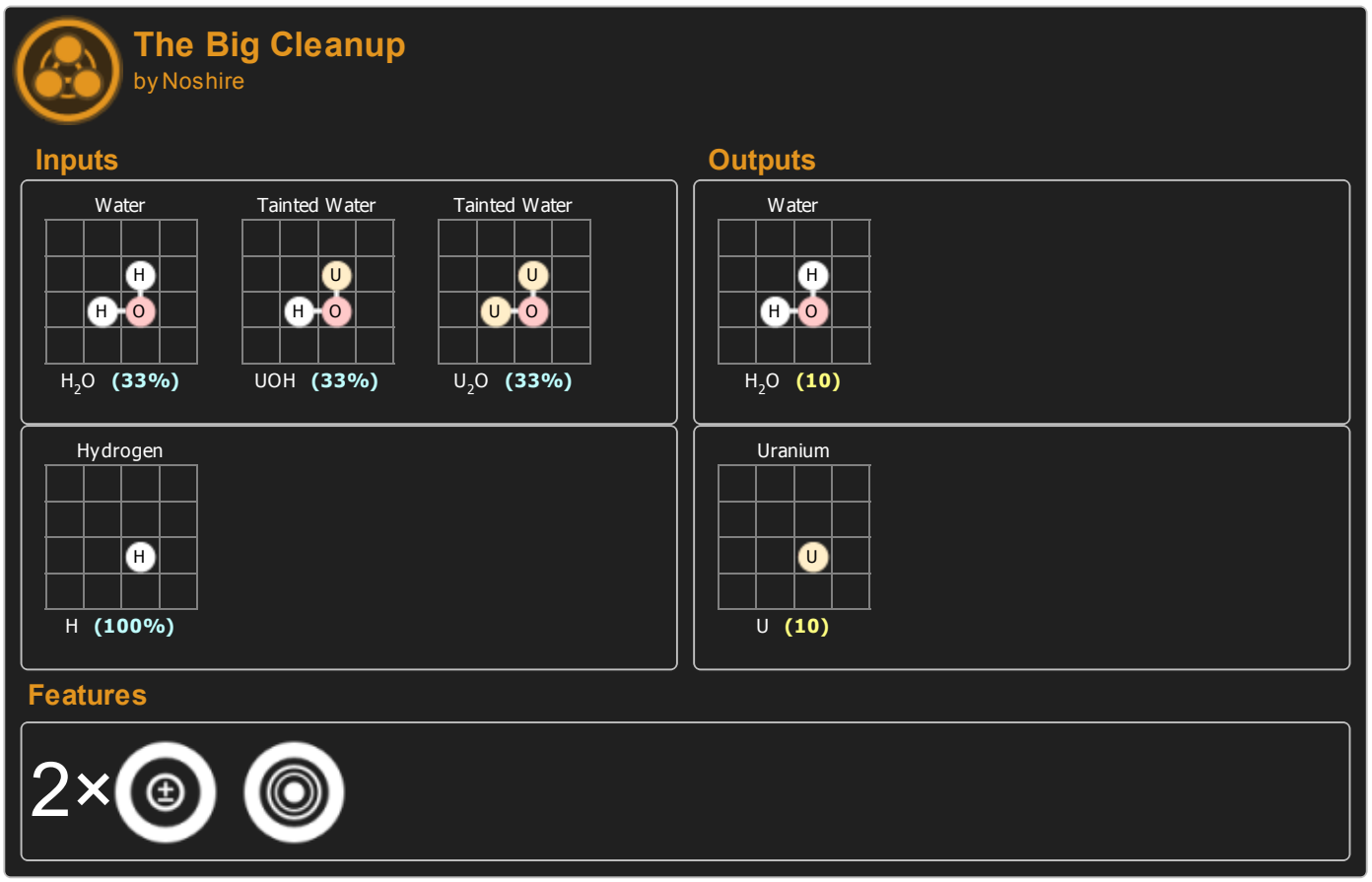
Graphene

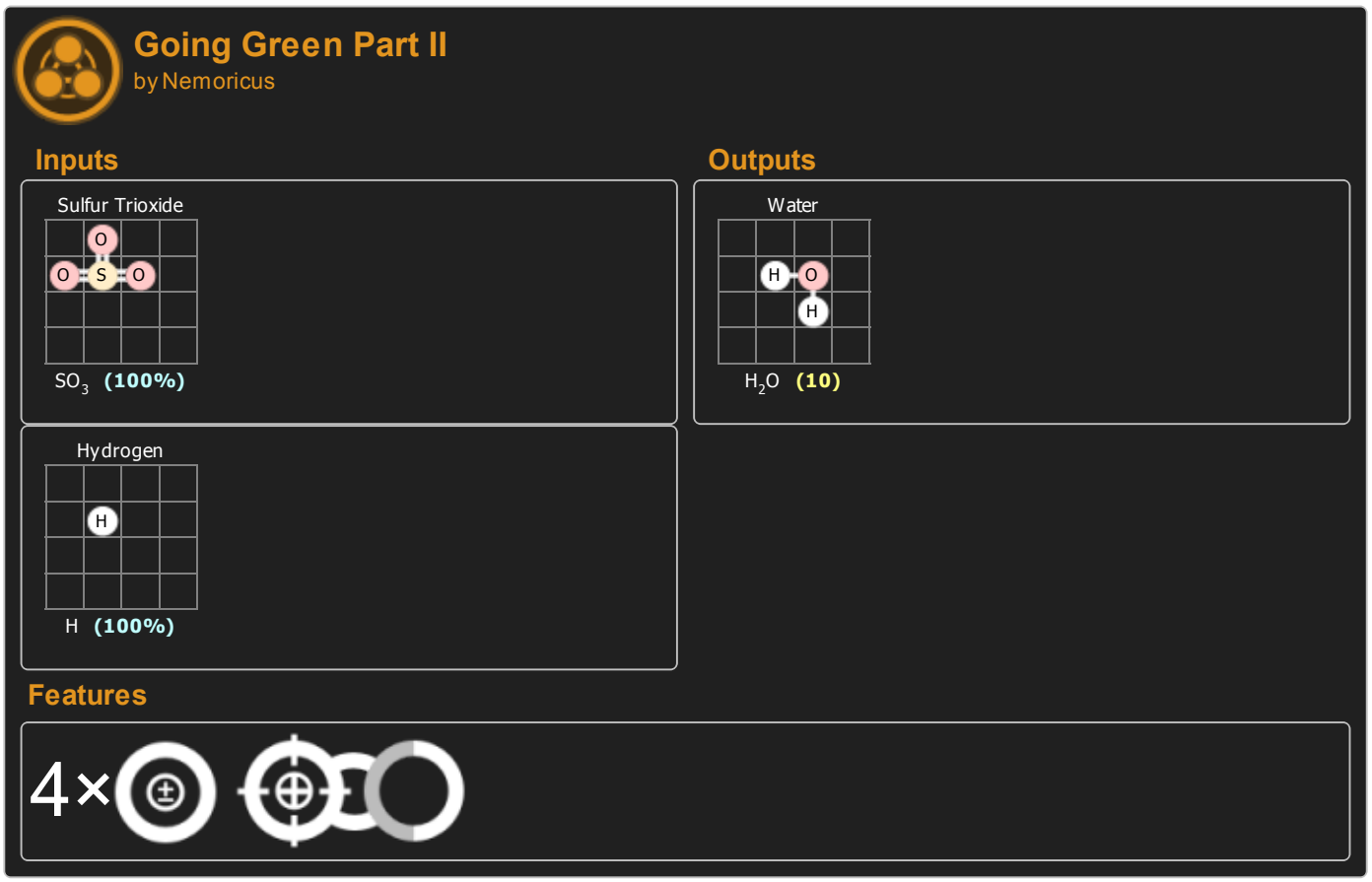


C **(10)**

Features

8×


The Big Cleanup
by Noshire
Inputs
Water
H
H
O
H_2O (33%)
Tainted Water
U
H
O
UOH (33%)
Tainted Water
U
U
O
U_2O (33%)
Outputs
Water
H
H
O
H_2O (10)
Hydrogen
H
H (100%)
Uranium
U
U (10)
Features
2×

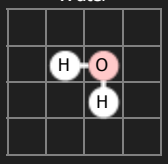

Going Green Part II
by Nemoricus
Inputs
Sulfur Trioxide
O
O S O
SO_3 (100%)
Hydrogen
H
H (100%)
Outputs
Water
H O
H
H_2O (10)
Features
4×

Waste Treatment

by cake>pie

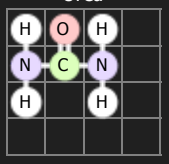
Inputs

Water



H_2O **(91%)**

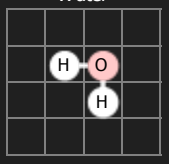
Urea



CH_4N_2O **(8%)**

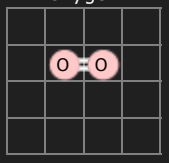
Outputs

Water



H_2O **(10)**

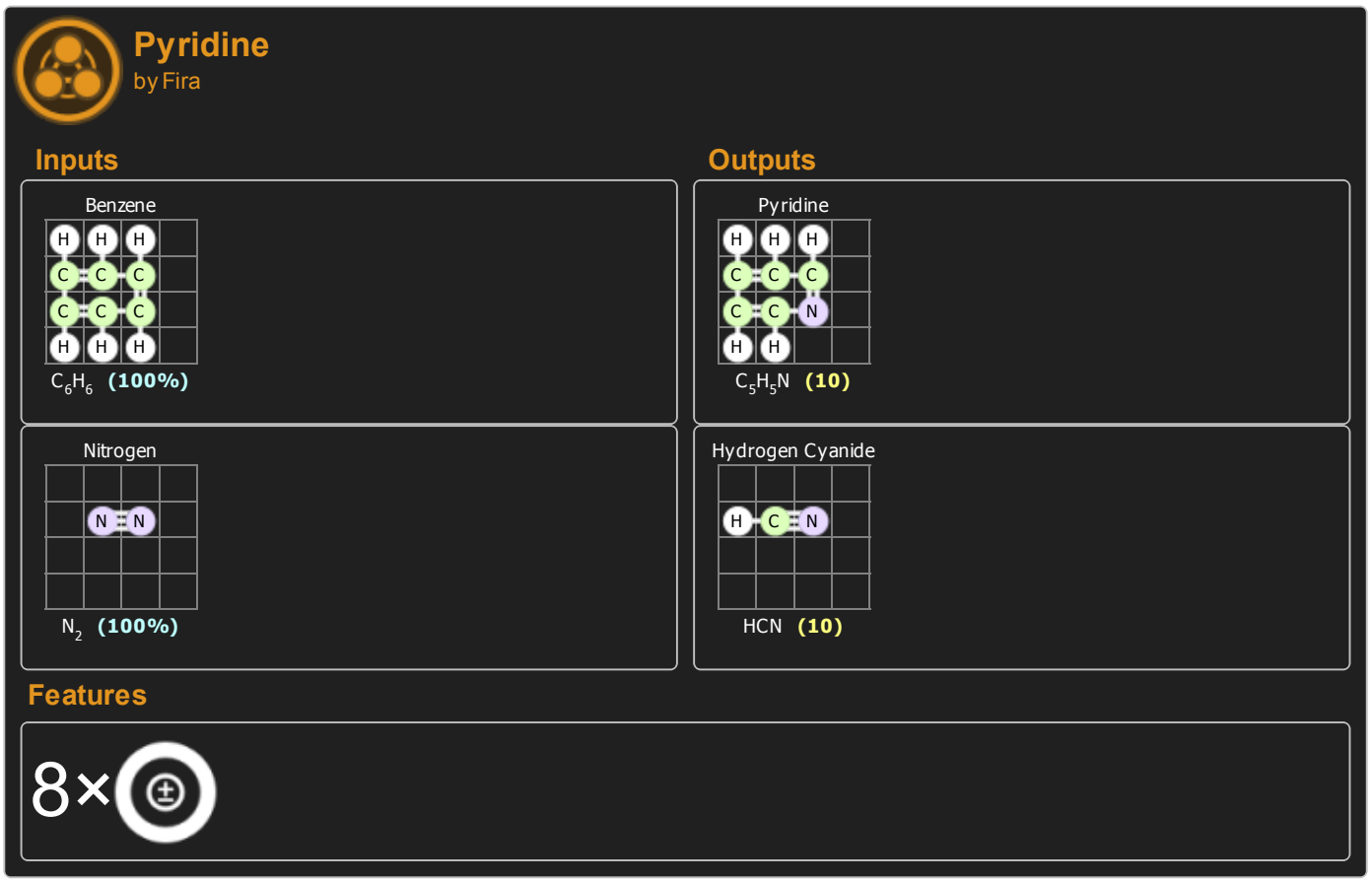
Oxygen



O_2 **(10)**

Features

4×

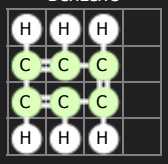

Pyridine
by Fira
Inputs
Benzene
C_6H_6 (100%)
Nitrogen
N_2 (100%)
Outputs
Pyridine
C_5H_5N (10)
Hydrogen Cyanide
HCN (10)
Features
8×

Breakdown

by Epyon

Inputs

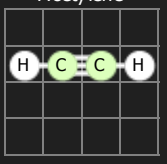
Benzene



C_6H_6 **(100%)**

Outputs

Acetylene



C_2H_2 **(10)**

Features

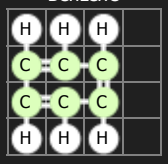
4×

Vitamin B3

by cake>pie

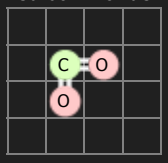
Inputs

Benzene



C_6H_6 **(100%)**

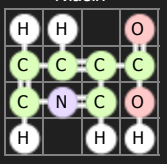
Carbon Dioxide



CO_2 **(100%)**

Outputs

Niacin



$C_6H_5NO_2$ **(10)**

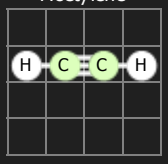
Features

2×

PVC
by Doghealer

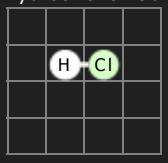
Inputs

Acetylene



C_2H_2 **(100%)**

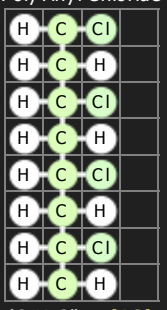
Hydrochloric Acid



HCl **(100%)**

Outputs

Polyvinyl Chloride



$(C_2H_3Cl)n$ **(10)**

Features

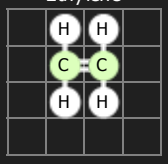
8×

PVA

by Doghealer

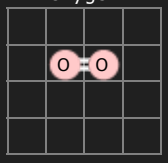
Inputs

Ethylene



C_2H_4 **(100%)**

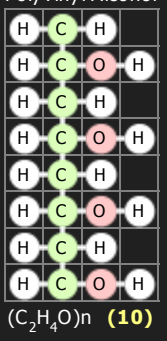
Oxygen



O_2 **(100%)**

Outputs

Polyvinyl Alcohol



$(C_2H_4O)n$ **(10)**

Features

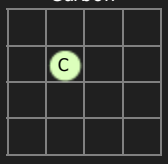
8×

Naphthalene

by Kanddak

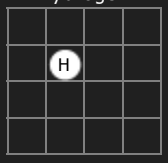
Inputs

Carbon



C **(100%)**

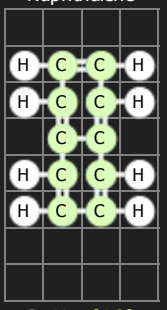
Hydrogen



H **(100%)**

Outputs

Naphthalene



$C_{10}H_8$ **(10)**

Features

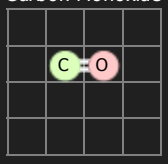
8×

Anthraquinone

by JG

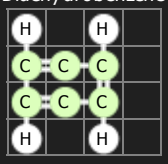
Inputs

Carbon Monoxide



CO **(100%)**

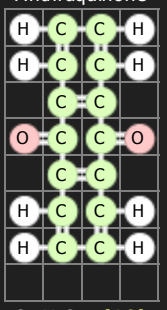
1,4-
Didehydrobenzene



C_6H_4 **(100%)**

Outputs

Anthraquinone



$C_{14}H_8O_2$ **(10)**

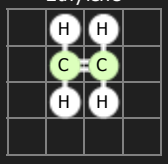
Features

4× ⊜

Soap
by JG

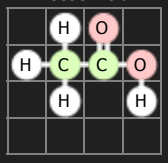
Inputs

Ethylene



C_2H_4 **(100%)**

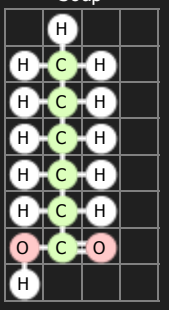
Acetic Acid



CH_3COOH
(100%)

Outputs

Soap



$H(CH_2)nO_2H$ **(10)**

Features

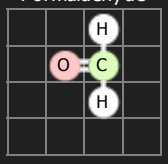
4×

Glucose

by Luraman

Inputs

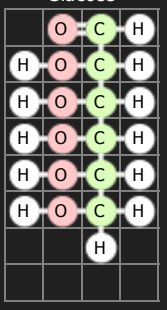
Formaldehyde



CH_2O **(100%)**

Outputs

Glucose



$C_6H_{12}O_6$ **(10)**

Features

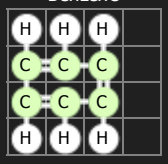
8×

PZA

by cake>pie

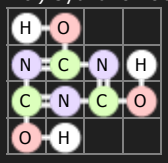
Inputs

Benzene



C_6H_6 **(100%)**

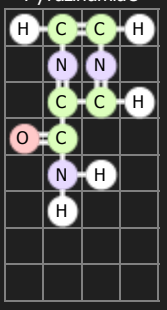
(Triol) Cyanuric Acid



$(CNOH)_3$ **(100%)**

Outputs

Pyrazinamide



$C_5H_5N_3O$ **(10)**

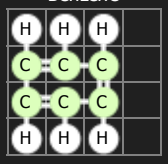
Features

INH

by cake>pie

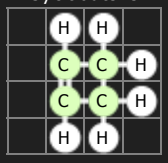
Inputs

Benzene



C_6H_6 **(100%)**

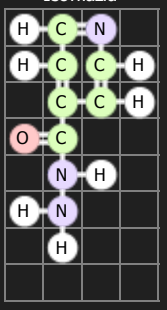
Cyclobutene



C_4H_6 **(100%)**

Outputs

Isoniazid



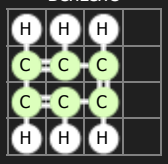
$C_6H_7N_3O$ **(10)**

Features

PAS
by cake>pie

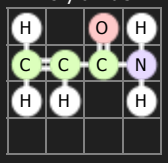
Inputs

Benzene



C_6H_6 **(100%)**

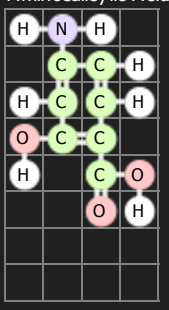
Acrylamide



$CH_2CHCONH_2$
(100%)

Outputs

4-Aminosalicylic Acid



$C_7H_7NO_3$ **(10)**

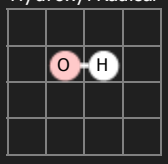
Features

Fusion - Germane

by Cosine

Inputs

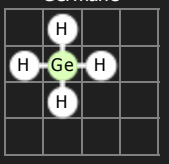
Hydroxyl Radical



OH **(100%)**

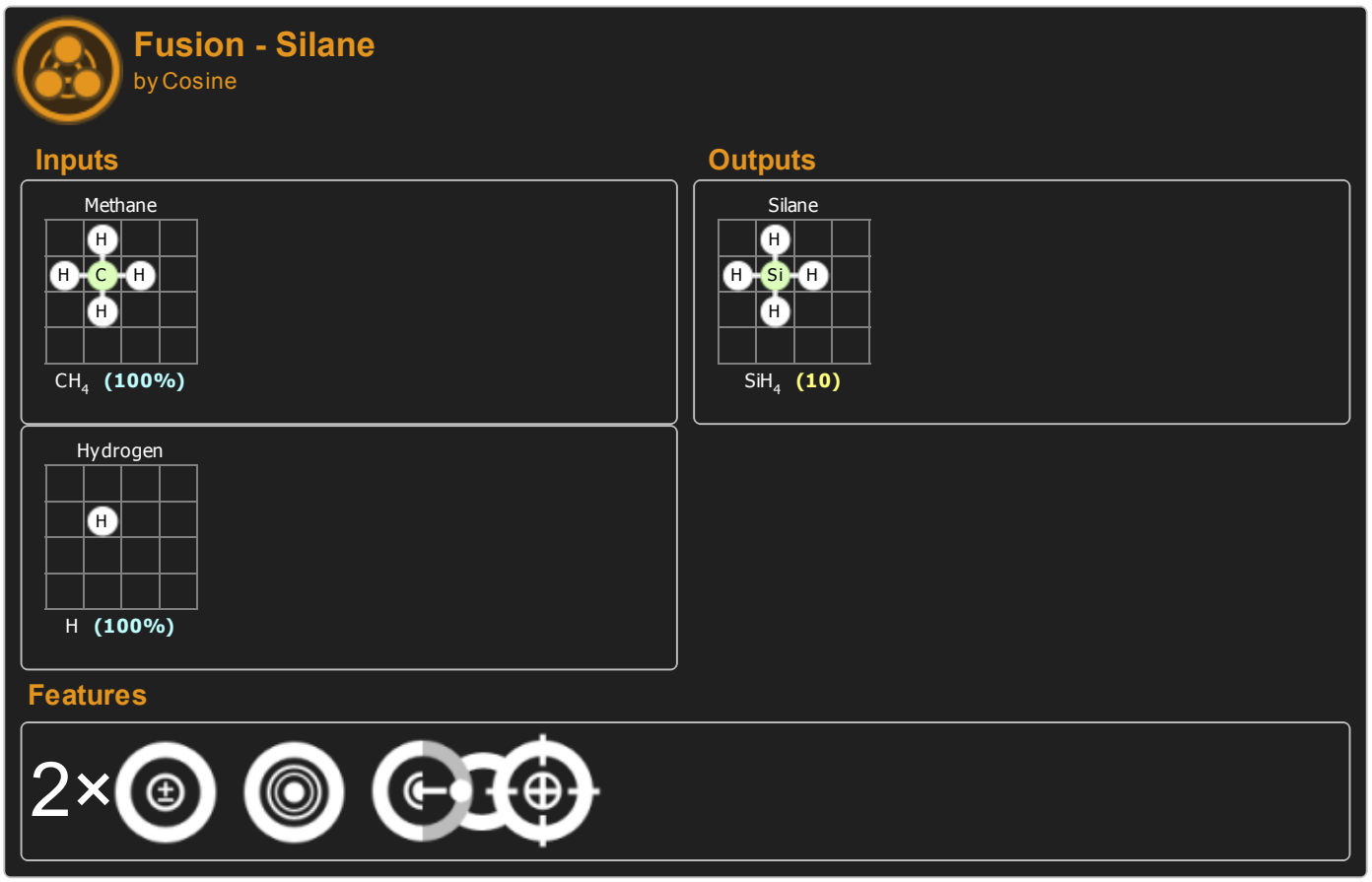
Outputs

Germane



GeH_4 **(10)**

Features

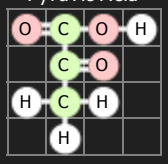

Fusion - Silane
by Cosine
Inputs
Methane
H
H C H
H
CH_4 (100%)
Hydrogen
H
H (100%)
Outputs
Silane
H
H Si H
H
SiH_4 (10)
Features
2×

Fermentation

by Simon

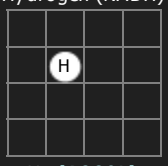
Inputs

Pyruvic Acid



$CH_3COCOOH$ **(100%)**

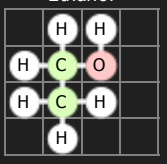
Hydrogen (NADH)



H **(100%)**

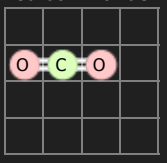
Outputs

Ethanol



C_2H_5OH **(10)**

Carbon Dioxide



CO_2 **(10)**

Features

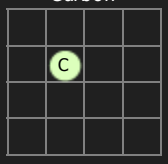
8×

Hydrazine

by Nemoricus

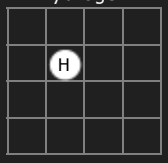
Inputs

Carbon



C **(100%)**

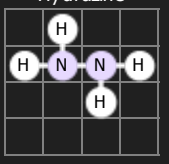
Hydrogen



H **(100%)**

Outputs

Hydrazine



N_2H_4 **(10)**

Features

Organometallics

by Nemoricus

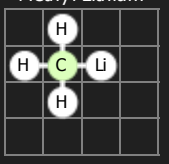
Inputs

Magnesium

Mg **(100%)**

Outputs

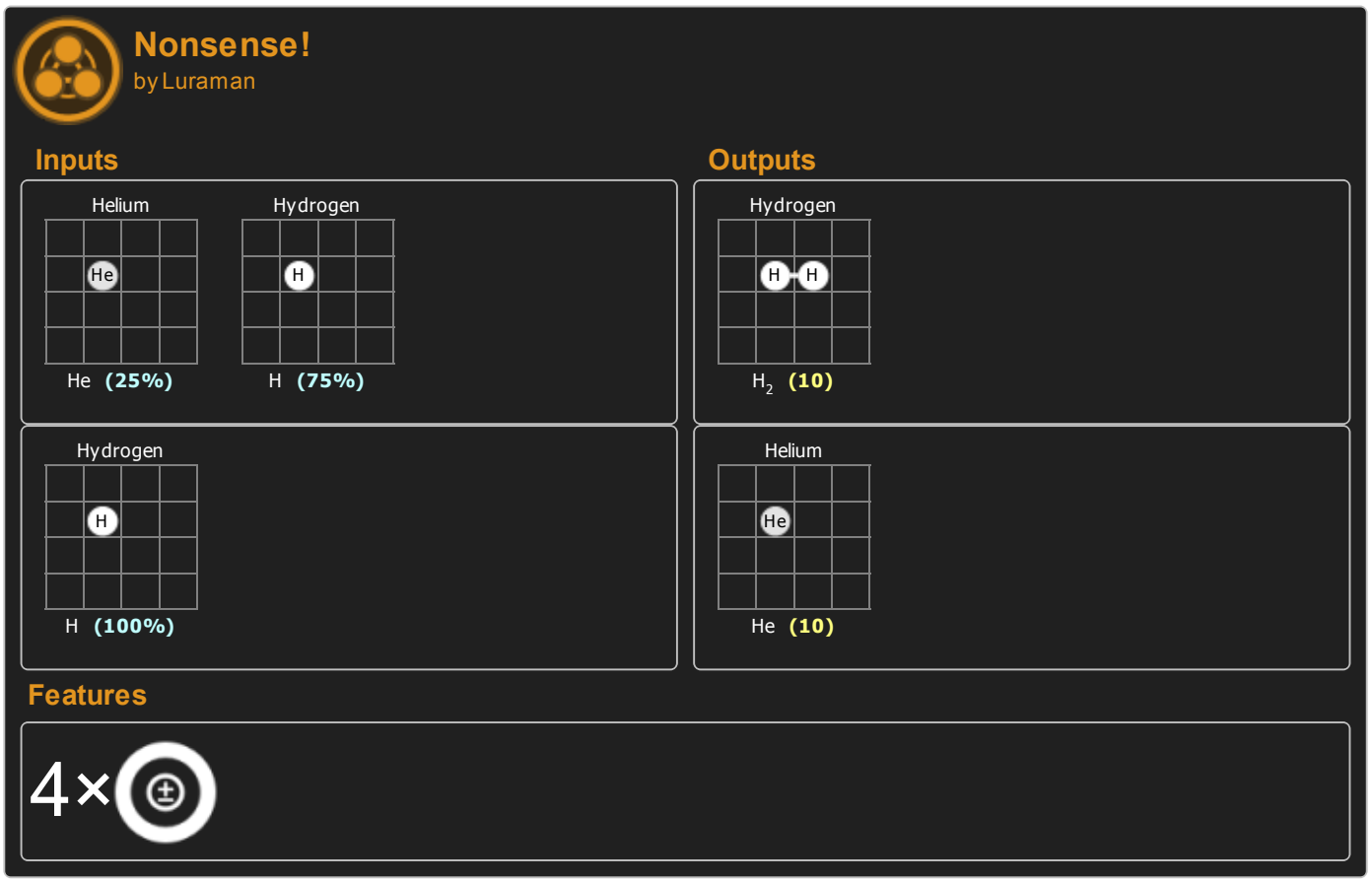
Methyl Lithium



CH_3Li **(10)**

Features

2×

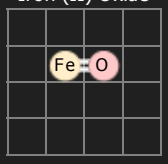

Nonsense!
by Luraman
Inputs
Helium
He
He (25%)
Hydrogen
H
H (75%)
Hydrogen
H
H (100%)
Outputs
Hydrogen
H H
H2 (10)
Helium
He
He (10)
Features
4×

Iron and Ozone

by Peter

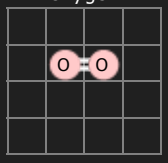
Inputs

Iron (II) Oxide



FeO **(100%)**

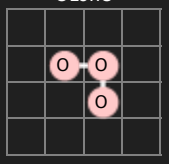
Oxygen



O_2 **(100%)**

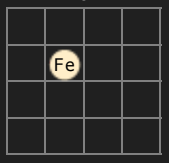
Outputs

Ozone



O_3 **(10)**

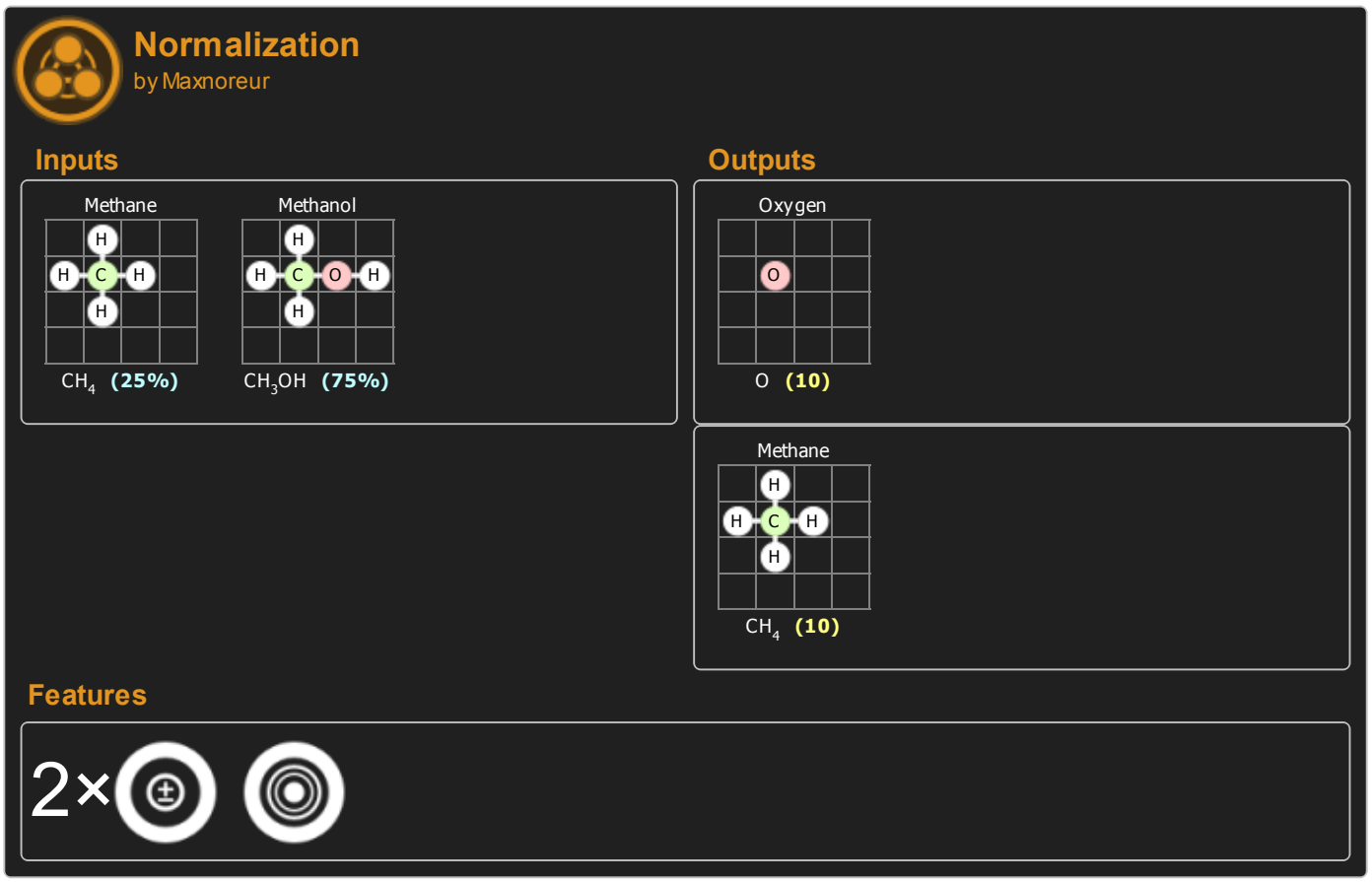
Iron



Fe **(10)**

Features

2×

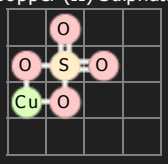

Normalization
by Maxnoreur
Inputs
Methane
Methanol
CH4 (25%)
CH3OH (75%)
Outputs
Oxygen
O (10)
Methane
CH4 (10)
Features
2×

Decomposition

by Max Polley

Inputs

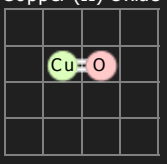
Copper (II) Sulphate



$CuSO_4$ **(100%)**

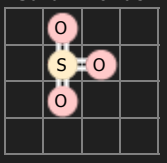
Outputs

Copper (II) Oxide



CuO **(10)**

Sulfur Trioxide



SO_3 **(10)**

Features

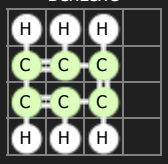
4×

Phenol

by JG

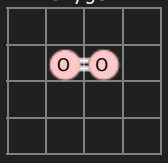
Inputs

Benzene



C_6H_6 **(100%)**

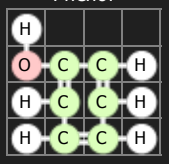
Oxygen



O_2 **(100%)**

Outputs

Phenol



C_6H_5OH **(10)**

Features

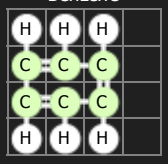
4×

Uracil

by Kanddak

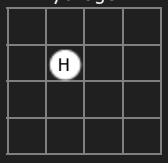
Inputs

Benzene



C_6H_6 **(100%)**

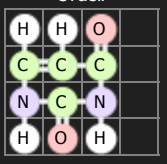
Hydrogen



H **(100%)**

Outputs

Uracil



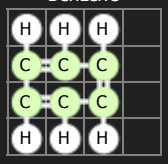
$C_4H_4N_2O_2$ **(10)**

Features

Pyridine
by Wolfram

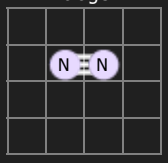
Inputs

Benzene



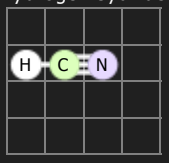
C_6H_6 **(100%)**

Nitrogen



N_2 **(75%)**

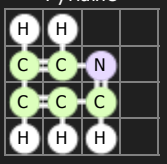
Hydrogen Cyanide



HCN **(25%)**

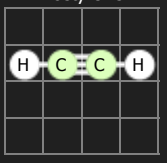
Outputs

Pyridine



C_5H_5N **(10)**

Acetylene



C_2H_2 **(10)**

Features

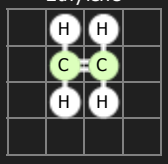
4×

Phosgene

by Kanddak

Inputs

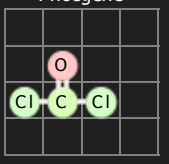
Ethylene



C_2H_4 **(100%)**

Outputs

Phosgene



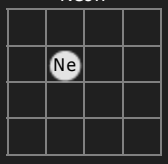
$COCl_2$ **(10)**

Features

Ignoble
by Portponky

Inputs

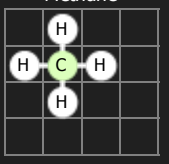
Neon



Ne **(100%)**

Outputs

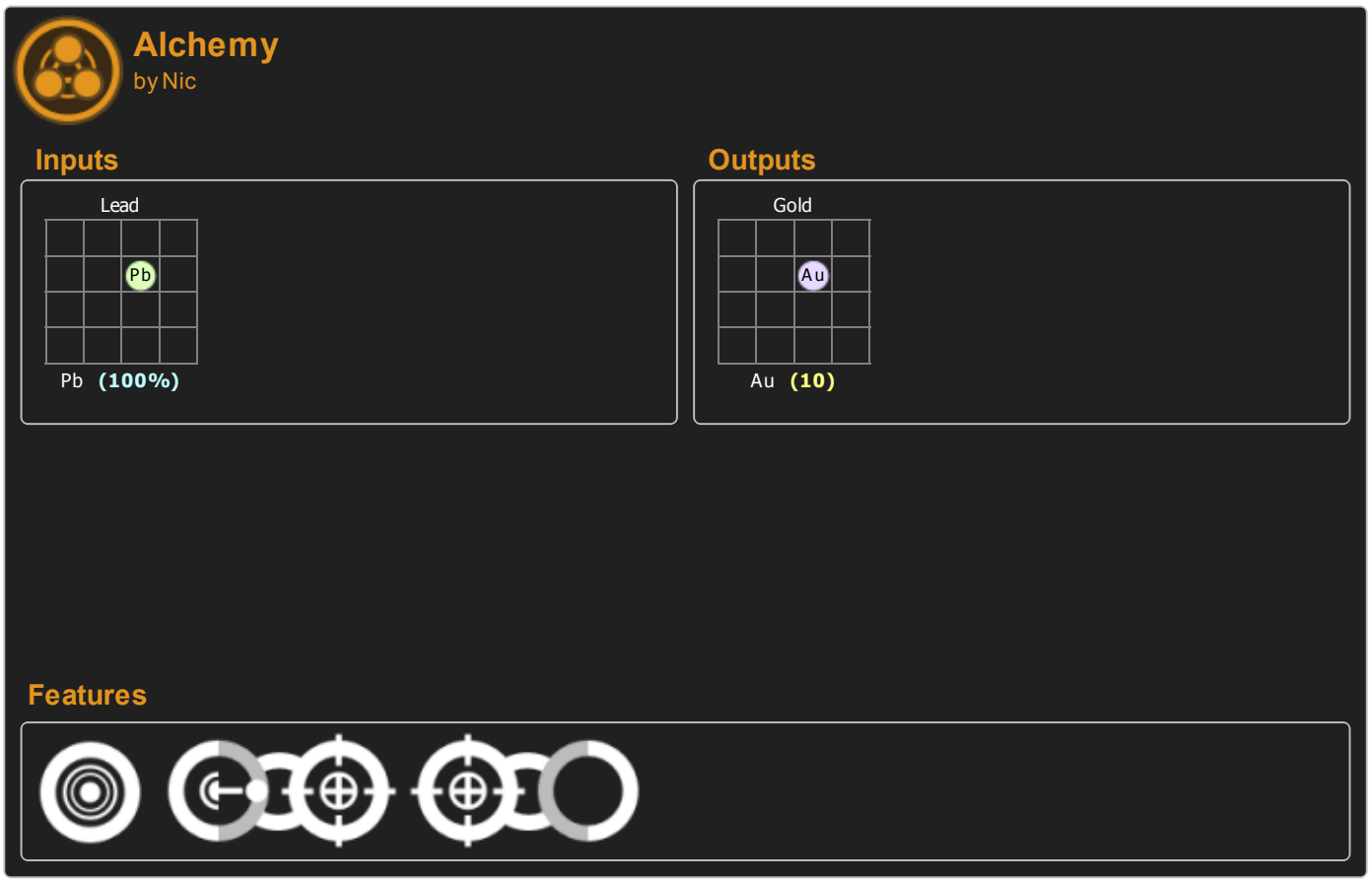
Methane



CH_4 **(10)**

Features

2×

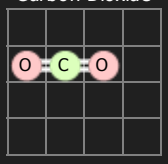

Alchemy
by Nic
Inputs
Lead
Pb
Pb (100%)
Outputs
Gold
Au
Au (10)
Features

Bosch-Meiser

by Kanddak

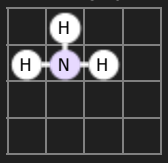
Inputs

Carbon Dioxide



CO_2 **(100%)**

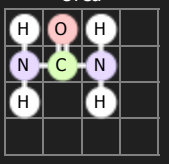
Ammonia



NH_3 **(100%)**

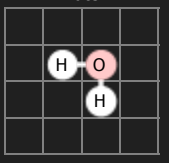
Outputs

Urea



$(NH_2)_2CO$ **(10)**

Water



H_2O **(10)**

Features

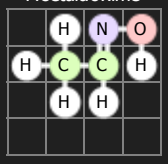
4×

Beckmann Rearrangement

by ZMA

Inputs

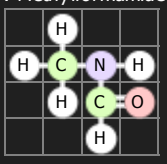
Acetaldoxime



C_2H_5NO **(100%)**

Outputs

N-Methylformamide



C_2H_5NO **(10)**

Features

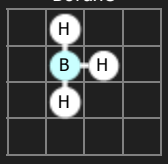
4×

Stock-Pohland

by AtomicNinjaWeasel

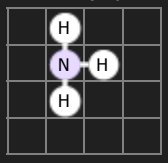
Inputs

Borane



BH_3 **(100%)**

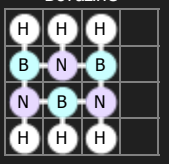
Ammonia



NH_3 **(100%)**

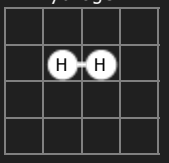
Outputs

Borazine



$(BH)_3(NH)_3$ **(10)**

Hydrogen



H_2 **(10)**

Features

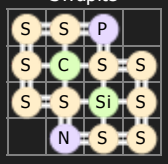
8×

Swapite

by stupidname

Inputs

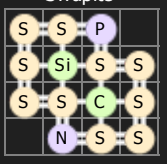
Swapite



$S_{10}PNCSi$ **(100%)**

Outputs

Swapite'



$S_{10}PNSiC$ **(10)**

Features

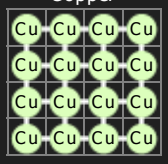
8×

Hardening

by Nic

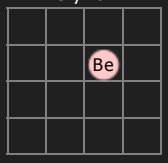
Inputs

Copper



Cu **(100%)**

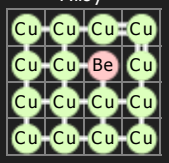
Beryllium



Be **(100%)**

Outputs

Beryllium-Copper Alloy



Cu / Be **(10)**

Copper

Cu **(10)**

Features

4×

Keying In

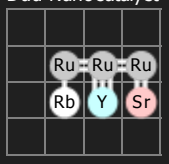
by Nic

Inputs

Dud Nanocatalyst

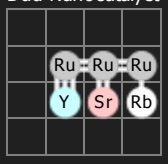
Ru-RbSrY **(33%)**

Dud Nanocatalyst



Ru-RbSrY **(33%)**

Dud Nanocatalyst



Ru-RbSrY **(33%)**

Ruthenium

Ru **(100%)**

Outputs

Nanocatalyst

Ru-RbSrY **(10)**

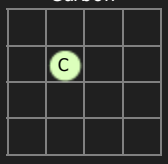
Features

8×

Ethane
by Cosine

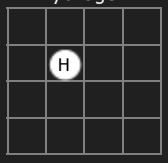
Inputs

Carbon



C **(100%)**

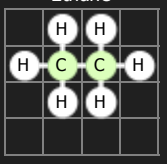
Hydrogen



H **(100%)**

Outputs

Ethane



C_2H_6 **(10)**

Features

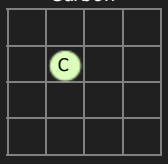
4×

Cyclobutane

by Mollikka

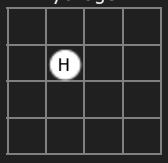
Inputs

Carbon



C **(100%)**

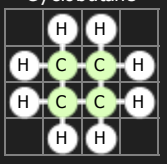
Hydrogen



H **(100%)**

Outputs

Cyclobutane



C_4H_8 **(10)**

Features

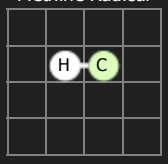
4×

Styrene

by Loweryder

Inputs

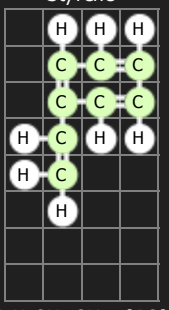
Methine Radical



CH **(100%)**

Outputs

Styrene



$C_6H_5CH=CH_2$ **(10)**

Features

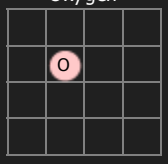
8×

Thinner Line

by GauntletWiz

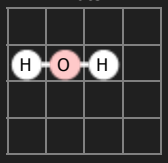
Inputs

Oxygen



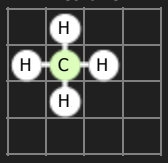
O **(100%)**

Water



H_2O **(100%)**

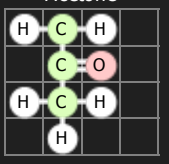
Methane



CH_4 **(100%)**

Outputs

Acetone



$(CH_3)_2CO$ **(10)**

Buildings

Decomposition of Ethanolamine

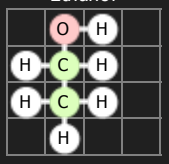
by Kdapro

Inputs

Ethanolamine

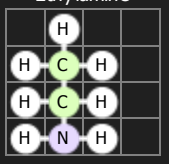
C_2H_7NO **(33%)**

Ethanol



C_2H_5OH **(33%)**

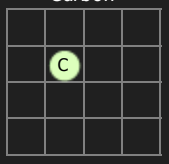
Ethylamine



C_2H_7N **(33%)**

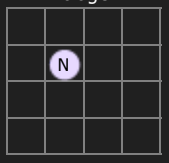
Outputs

Carbon



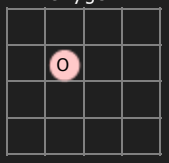
C **(10)**

Nitrogen



N **(10)**

Oxygen



O **(10)**

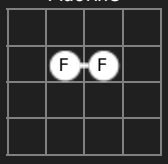
Buildings

Anesthetics

by cake>pie

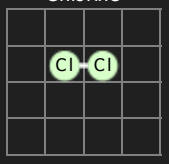
Inputs

Fluorine



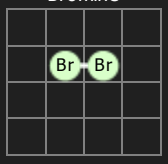
F_2 **(33%)**

Chlorine



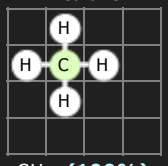
Cl_2 **(50%)**

Bromine



Br_2 **(16%)**

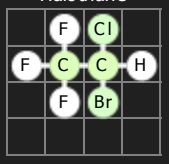
Methane



CH_4 **(100%)**

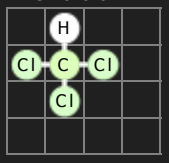
Outputs

Halothane



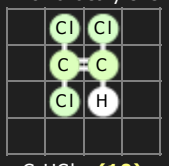
$C_2HBrClF_3$ **(10)**

Chloroform



$CHCl_3$ **(10)**

Trichloroethylene



C_2HCl_3 **(10)**

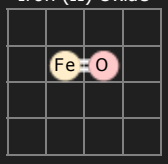
Buildings

Fertigprodukt

by Christian

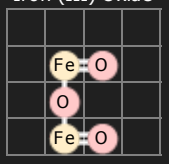
Inputs

Iron (II) Oxide



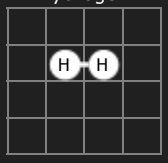
FeO **(50%)**

Iron (III) Oxide



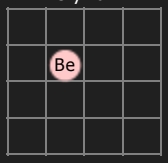
Fe_2O_3 **(50%)**

Hydrogen



H_2 **(100%)**

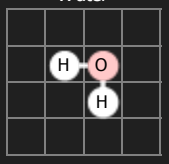
Beryllium



Be **(100%)**

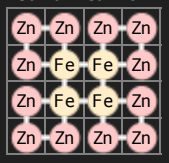
Outputs

Water



H_2O **(10)**

Galvanized Iron



Fe / Zn **(10)**

Buildings

Novel Semiconductor

by blueation

Inputs

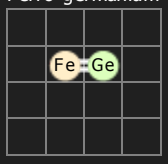
Iron

Fe **(33%)**

Germanium

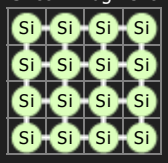
Ge **(33%)**

Ferro-germanium



Fe / Ge **(33%)**

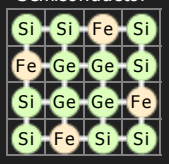
Silicon Fragment



Si **(100%)**

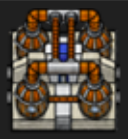
Outputs

Novel Semiconductor



Si / Ge / Fe **(10)**

Buildings

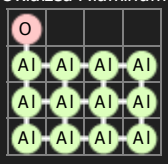


Passivation

by kpreid

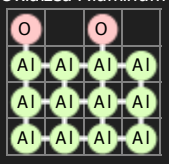
Inputs

Oxidized Aluminum



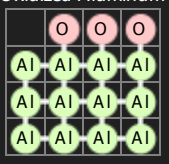
$Al_{12}O$ **(41%)**

Oxidized Aluminum



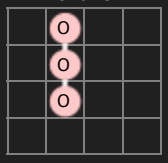
$Al_{12}O_2$ **(33%)**

Oxidized Aluminum



$Al_{12}O_3$ **(25%)**

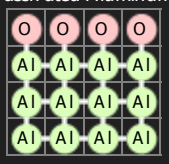
Ozone



O_3 **(100%)**

Outputs

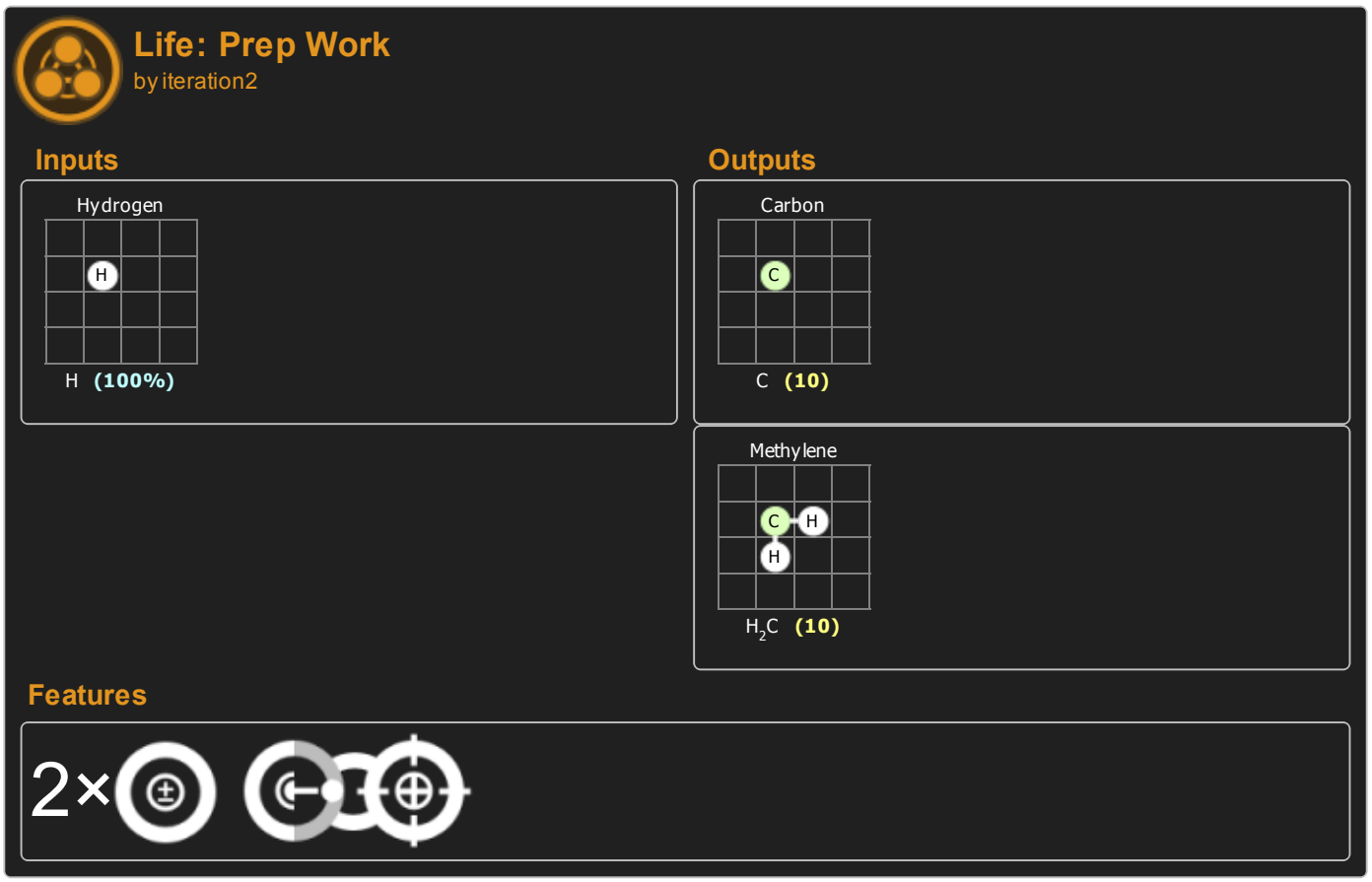
Passivated Aluminum



$Al_{12}O_4$ **(10)**

Features

4×

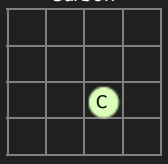

Life: Prep Work
by iteration2
Inputs
Hydrogen
H
H (100%)
Outputs
Carbon
C
C (10)
Methylene
C
H
H
H2C (10)
Features
2×

Life: Cytosine

by iteration2

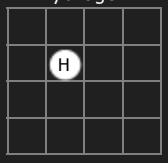
Inputs

Carbon



C **(100%)**

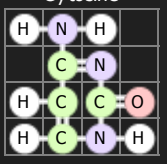
Hydrogen



H **(100%)**

Outputs

Cytosine



$C_4H_5N_3O$ **(10)**

Features

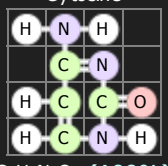
8×

Life: Thymine

by iteration2

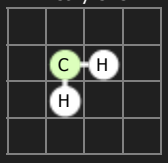
Inputs

Cytosine



$C_4H_5N_3O$ **(100%)**

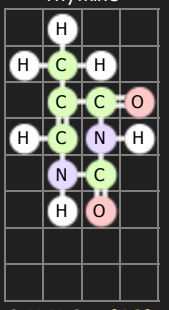
Methylene



H_2C **(100%)**

Outputs

Thymine



$C_5H_6N_2O_2$ **(10)**

Features

8×

Cyanamide

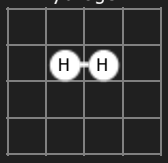
by JG

Inputs

Cyanogen

$(CN)_2$ **(100%)**

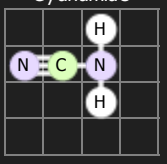
Hydrogen



H_2 **(100%)**

Outputs

Cyanamide



CN_2H_2 **(10)**

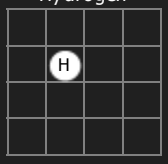
Buildings

Acetic Acid

by JG

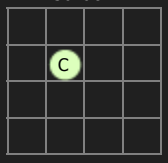
Inputs

Hydrogen



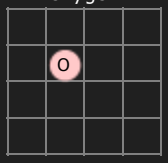
H **(100%)**

Carbon



C **(100%)**

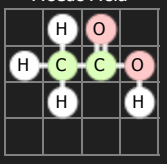
Oxygen



O **(100%)**

Outputs

Acetic Acid



CH_3COOH **(10)**

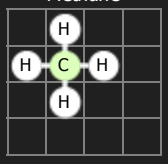
Buildings

Combustion Engine

by Bashy McFetus

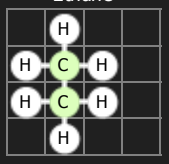
Inputs

Methane



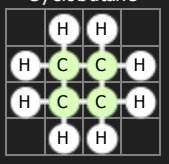
CH_4 **(33%)**

Ethane



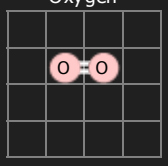
C_2H_6 **(33%)**

Cyclobutane



C_4H_8 **(33%)**

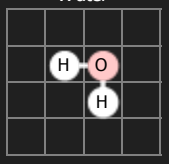
Oxygen



O_2 **(100%)**

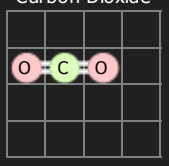
Outputs

Water



H_2O **(10)**

Carbon Dioxide



CO_2 **(10)**

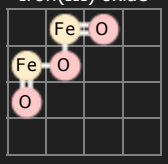
Buildings

Smelting Iron

by cake>pie

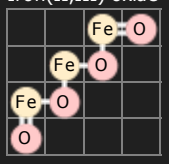
Inputs

Iron(III) oxide



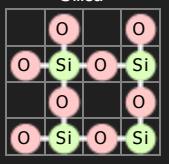
Fe_2O_3 **(50%)**

Iron(II,III) oxide



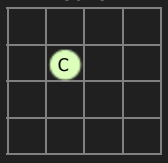
Fe_3O_4 **(25%)**

Silica



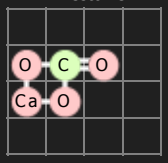
SiO_2 **(25%)**

Coke



C **(100%)**

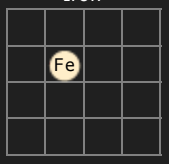
Limestone



$CaCO_3$ **(100%)**

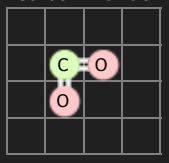
Outputs

Iron



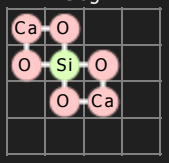
Fe **(10)**

Carbon Dioxide



CO_2 **(10)**

Slag



Ca_2SiO_4 **(10)**

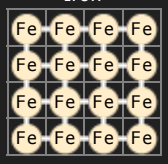
Buildings

Neodymium Magnet

by Kanddak

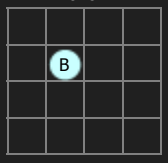
Inputs

Iron



Fe **(100%)**

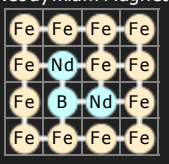
Boron



B **(100%)**

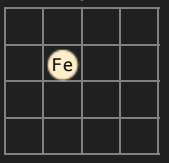
Outputs

Neodymium Magnet



Fe / Nd / B **(10)**

Iron



Fe **(10)**

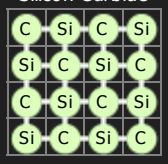
Features

Carbide Swap

by Kanddak

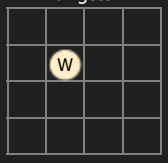
Inputs

Silicon Carbide



SiC **(100%)**

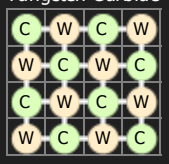
Tungsten



W **(100%)**

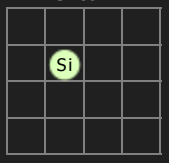
Outputs

Tungsten Carbide



WC **(10)**

Silicon



Si **(10)**

Features

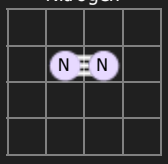
8×

Fuel Production

by blueation

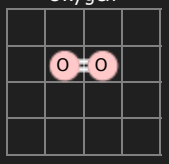
Inputs

Nitrogen



N_2 **(41%)**

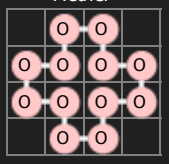
Oxygen



O_2 **(58%)**

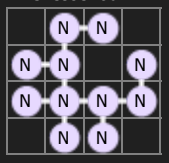
Outputs

Aether



O_{12} **(10)**

Crescentium



N_{11} **(10)**

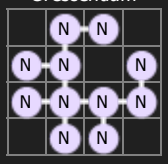
Buildings

Siliconheart Piece

by blueation

Inputs

Crescentium



N_{11} **(100%)**

Outputs

Siliconheart Piece

SiN_8 **(10)**

Buildings

Raygun Mechanism

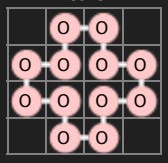
by blueation

Inputs

Siliconheart Piece

SiN_8 **(100%)**

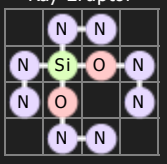
Aether



O_{12} **(100%)**

Outputs

Ray Eruptor



N_8O_2Si **(10)**

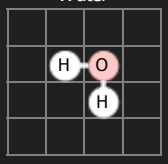
Buildings

Sulfuric Acid

by Nemoricus

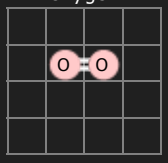
Inputs

Water



H_2O **(100%)**

Oxygen



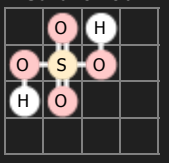
O_2 **(100%)**

Sulfur

S_8 **(100%)**

Outputs

Sulfuric Acid



H_2SO_4 **(10)**

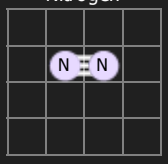
Buildings

Fuming Nitric Acid

by Nemoricus

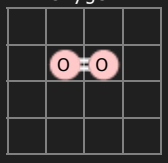
Inputs

Nitrogen



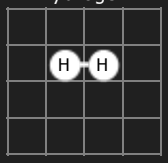
N_2 **(100%)**

Oxygen



O_2 **(100%)**

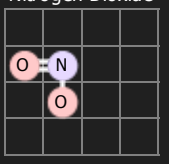
Hydrogen



H_2 **(100%)**

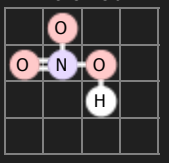
Outputs

Nitrogen Dioxide



NO_2 **(10)**

Nitric Acid



HNO_3 **(10)**

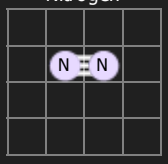
Buildings

Rocket Fuel

by Kanddak

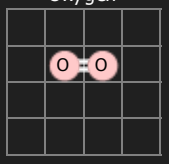
Inputs

Nitrogen



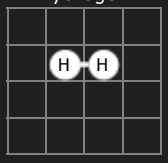
N_2 **(50%)**

Oxygen



O_2 **(50%)**

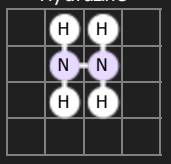
Hydrogen



H_2 **(100%)**

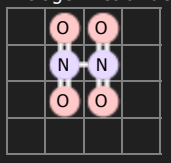
Outputs

Hydrazine



N_2H_4 **(10)**

Dinitrogen Tetroxide



N_2O_4 **(10)**

Buildings

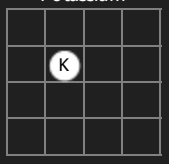
Hydroxides
by Warren

Inputs

Sodium

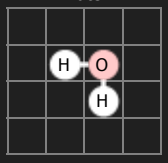
Na **(50%)**

Potassium



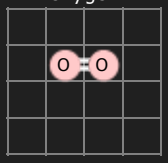
K **(50%)**

Water



H_2O **(100%)**

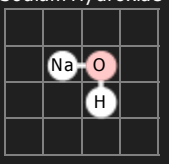
Oxygen



O_2 **(100%)**

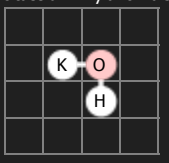
Outputs

Sodium Hydroxide



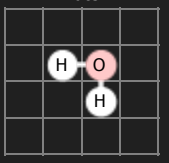
NaOH **(10)**

Potassium Hydroxide



KOH **(10)**

Water



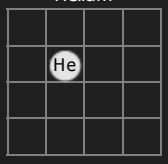
H_2O **(10)**

Buildings

Nobility
by GuavaMoment

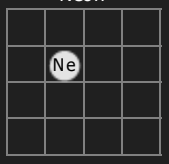
Inputs

Helium



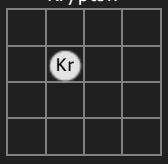
He **(33%)**

Neon



Ne **(33%)**

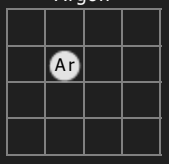
Krypton



Kr **(33%)**

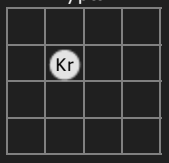
Outputs

Argon



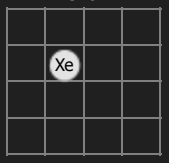
Ar **(10)**

Krypton



Kr **(10)**

Xenon



Xe **(10)**

Buildings

Sortite

by cake>pie

Inputs

Nopyte-v

NOPY **(41%)**

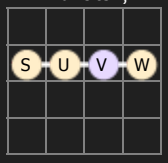
Nopyte-o

NOPY **(25%)**

Nopyte-π

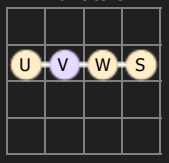
NOPY **(33%)**

Wuvsite-ς



SUVW **(50%)**

Wuvsite-υ



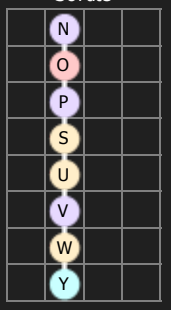
SUVW **(25%)**

Wuvsite-ω

SUVW **(25%)**

Outputs

Sortite



NOPSUVWY **(10)**

Features

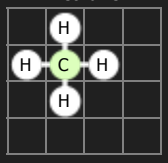
8×

Radiation Treatment

by Werbad

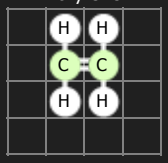
Inputs

Methane



CH_4 **(100%)**

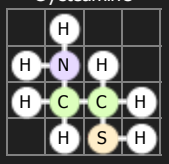
Ethylene



C_2H_4 **(100%)**

Outputs

Cysteamine



C_2H_7NS **(10)**

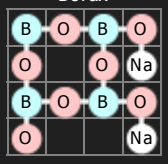
Buildings

Boron Compounds

by Kanddak

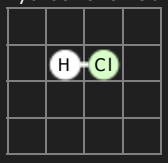
Inputs

Borax



$Na_2B_4O_7$ **(100%)**

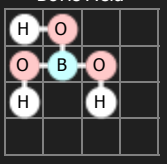
Hydrochloric Acid



HCl **(100%)**

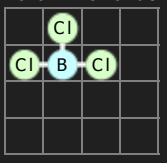
Outputs

Boric Acid



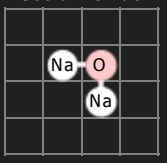
$B(OH)_3$ **(10)**

Boron Trichloride



BCl_3 **(10)**

Sodium Oxide



Na_2O **(10)**

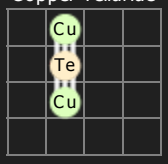
Buildings

Photovoltaic Cells

by alice_k

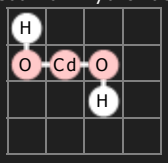
Inputs

Copper Telluride



Cu_2Te **(100%)**

Cadmium Hydroxide



$Cd(OH)_2$ **(100%)**

Octasulfur

S_8 **(100%)**

Outputs

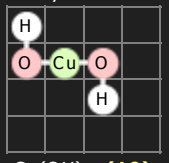
Cadmium Telluride

CdTe **(10)**

Cadmium Sulfide

CdS **(10)**

Copper (II) Hydroxide



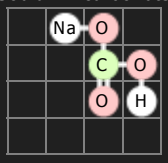
$Cu(OH)_2$ **(10)**

Buildings

Elementary
by hypernerdman

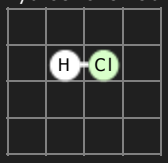
Inputs

Sodium Bicarbonate



$NaHCO_3$ **(100%)**

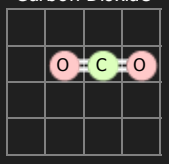
Hydrochloric Acid



HCl **(100%)**

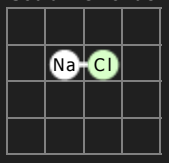
Outputs

Carbon Dioxide



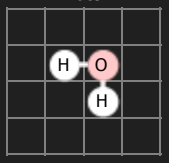
CO_2 **(10)**

Sodium Chloride



NaCl **(10)**

Water



H_2O **(10)**

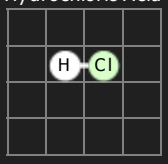
Buildings

Mixed Acids

by Kanddak

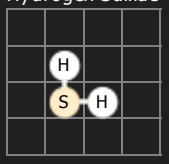
Inputs

Hydrochloric Acid



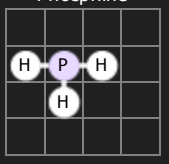
HCl **(33%)**

Hydrogen Sulfide



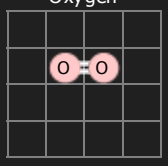
H_2S **(33%)**

Phosphine



PH_3 **(33%)**

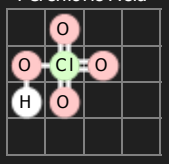
Oxygen



O_2 **(100%)**

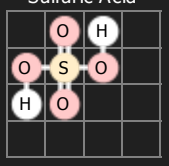
Outputs

Perchloric Acid



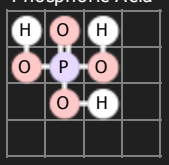
$HClO_4$ **(10)**

Sulfuric Acid



H_2SO_4 **(10)**

Phosphoric Acid



H_3PO_4 **(10)**

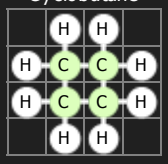
Buildings

Squaric Acid

by Kanddak

Inputs

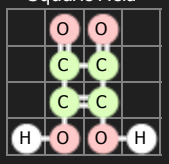
Cyclobutane



C_4H_8 **(100%)**

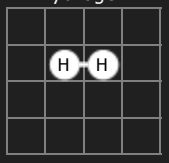
Outputs

Squaric Acid



$C_4O_2(OH)_2$ **(10)**

Hydrogen



H_2 **(10)**

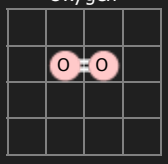
Features

4×

Misproportioned
by RSOG

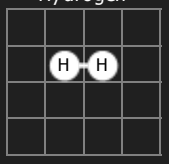
Inputs

Oxygen



O_2 **(8%)**

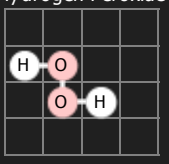
Hydrogen



H_2 **(91%)**

Outputs

Hydrogen Peroxide



H_2O_2 **(10)**

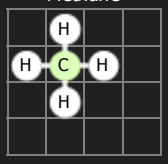
Buildings

Narkotikum

by Christian

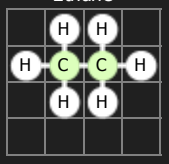
Inputs

Methane



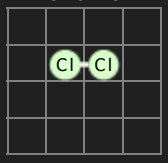
CH_4 **(50%)**

Ethane



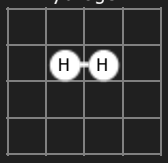
C_2H_6 **(50%)**

Chlorine



Cl_2 **(100%)**

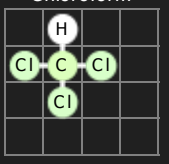
Hydrogen



H_2 **(100%)**

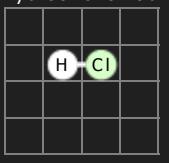
Outputs

Chloroform



$CHCl_3$ **(10)**

Hydrochloric Acid



HCl **(10)**

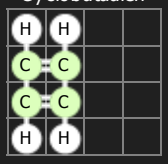
Buildings

Vereinheitlichung

by Christian

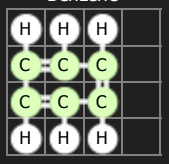
Inputs

Cyclobutadien



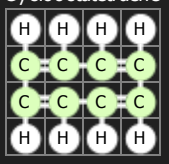
C_4H_4 **(33%)**

Benzene



C_6H_6 **(33%)**

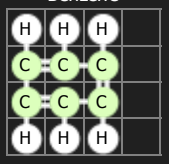
Cyclooctatetraene



C_8H_8 **(33%)**

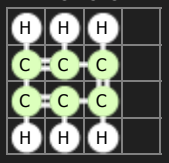
Outputs

Benzene



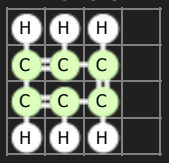
C_6H_6 **(10)**

Benzene



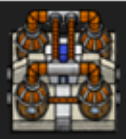
C_6H_6 **(10)**

Benzene



C_6H_6 **(10)**

Buildings

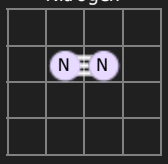


Haber-Bosch

by cake>pie

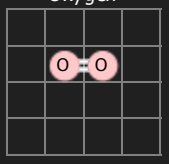
Inputs

Nitrogen



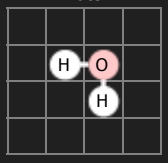
N_2 **(75%)**

Oxygen



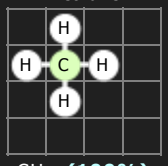
O_2 **(25%)**

Water



H_2O **(100%)**

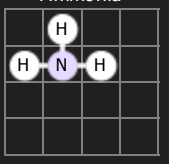
Methane



CH_4 **(100%)**

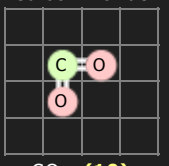
Outputs

Ammonia



NH_3 **(10)**

Carbon Dioxide



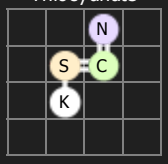
CO_2 **(10)**

Buildings

Mustard Oil
by Werbad

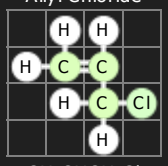
Inputs

Potassium Thiocyanate



KSCN **(100%)**

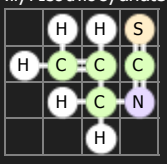
Allyl Chloride



CH_3CHCH_2Cl
(100%)

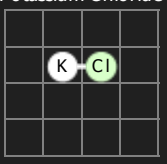
Outputs

Allyl Isothiocyanate



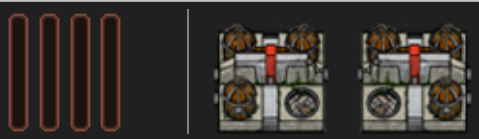
CH_2CHCH_2NCS
(10)

Potassium Chloride



KCl **(10)**

Buildings

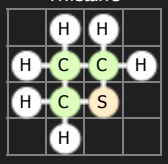


Nano Electric Motor

by cake>pie

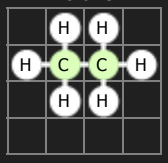
Inputs

Thietane



C_3H_6S **(100%)**

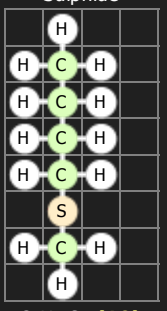
Ethane



C_2H_6 **(100%)**

Outputs

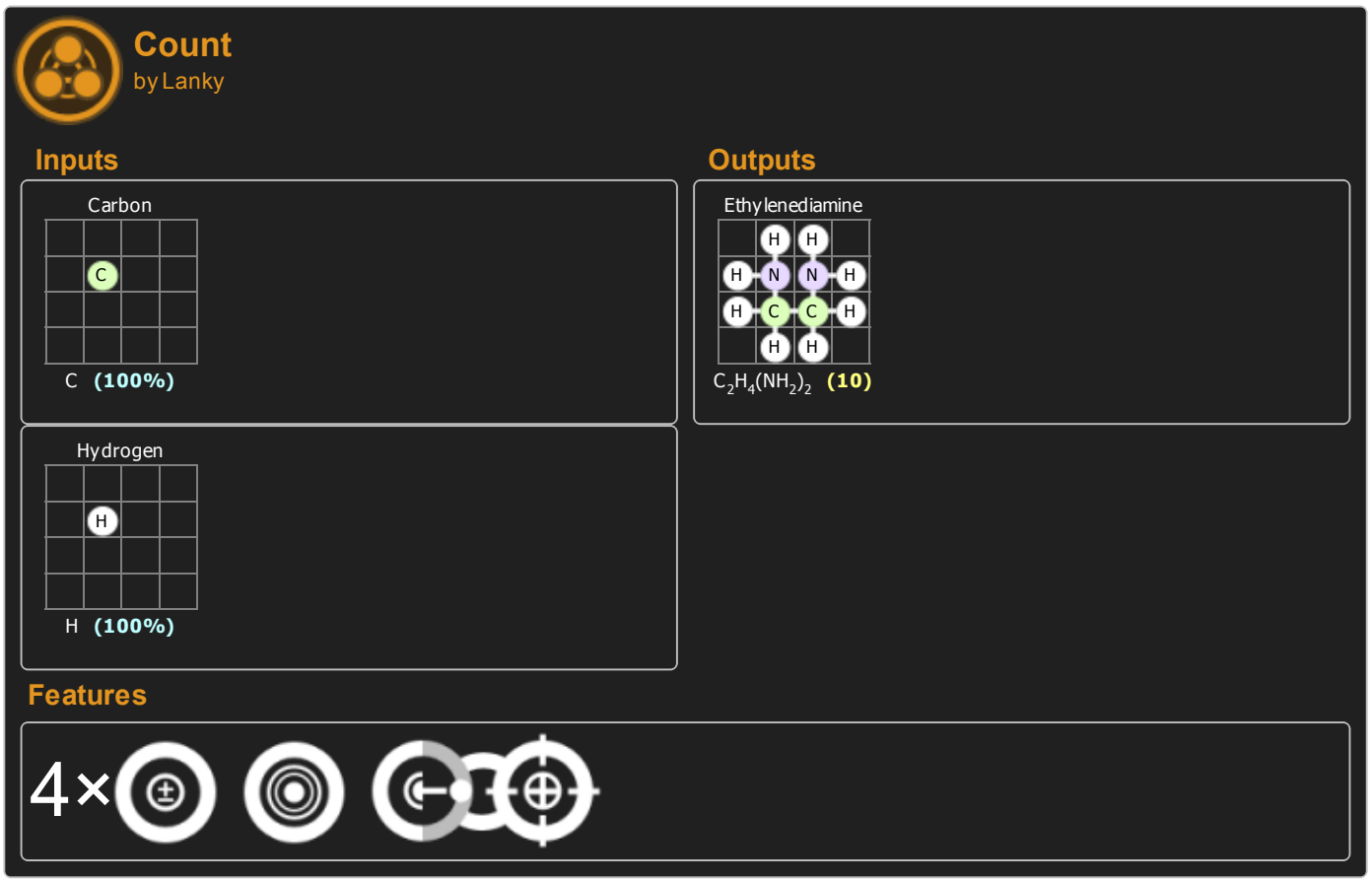
Butyl Methyl Sulphide



$C_5H_{12}S$ **(10)**

Features

8×

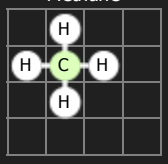

Count
by Lanky
Inputs
Carbon
C
C (100%)
Hydrogen
H
H (100%)
Outputs
Ethylenediamine
H H
H N N H
H C C H
H H
$C_2H_4(NH_2)_2$ (10)
Features
4×

Sharing Is Caring

by Lanky

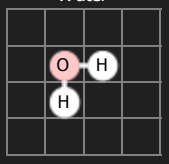
Inputs

Methane



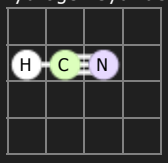
CH_4 **(50%)**

Water



H_2O **(50%)**

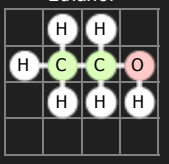
Hydrogen Cyanide



HCN **(100%)**

Outputs

Ethanol



C_2H_5OH **(10)**

Acetonitrile

CH_3CN **(10)**

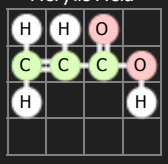
Buildings

Reassembly

by Lanky

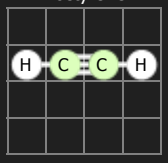
Inputs

Acrylic Acid



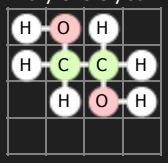
$CHCO_2H$ **(100%)**

Acetylene



C_2H_2 **(100%)**

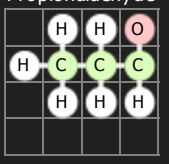
Ethylene Glycol



$C_2H_6O_2$ **(100%)**

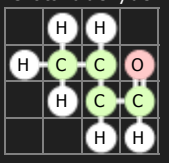
Outputs

Propionaldehyde



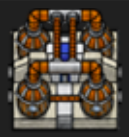
CH_3CH_2CHO **(10)**

Crotonaldehyde



$CH_3CH{=}CHCHO$
(10)

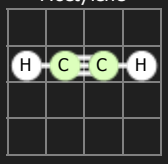
Buildings



Cyanogen
by Kanddak

Inputs

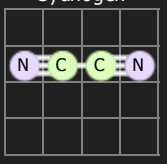
Acetylene



C_2H_2 **(100%)**

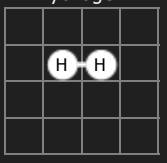
Outputs

Cyanogen



$(CN)_2$ **(10)**

Hydrogen



H_2 **(10)**

Features

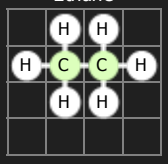
2×

Chloromethylsilane

by Kanddak

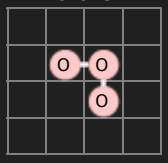
Inputs

Ethane



C_2H_6 **(100%)**

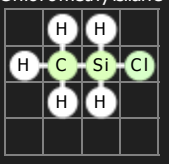
Ozone



O_3 **(100%)**

Outputs

Chloromethylsilane



CH_3SiH_2Cl **(10)**

Features

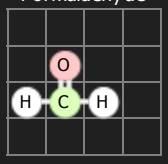
2×

Glyceraldehyde

by Kanddak

Inputs

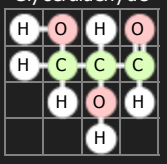
Formaldehyde



CH_2O **(100%)**

Outputs

Glyceraldehyde



$H(CH_2O)_2CHO$

(10)

Features

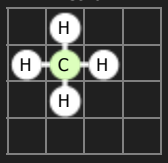
4×

Ethandiamin

by Christian

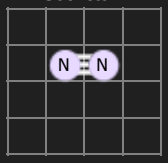
Inputs

Methan



CH_4 **(100%)**

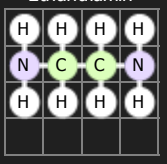
Stickstoff



N_2 **(100%)**

Outputs

Ethandiamin



NH_2-C_2H_4-NH_2
(10)

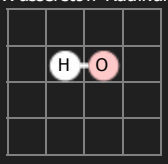
Buildings

Radikal

by Christian

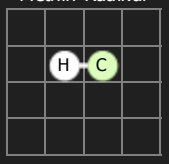
Inputs

Wasserstoff-Radikal



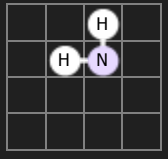
OH **(33%)**

Methin-Radikal



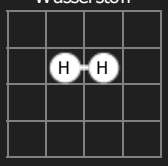
CH **(33%)**

Amino-Radikal



NH_2 **(33%)**

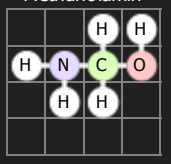
Wasserstoff



H_2 **(100%)**

Outputs

Methanolamin



NH_2CH_2OH **(10)**

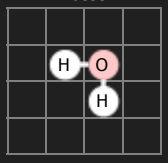
Buildings

Kreisalkanol

by Christian

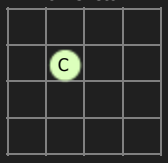
Inputs

Wasser



H_2O **(100%)**

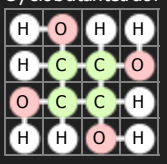
Kohlenstoff



C **(100%)**

Outputs

Cyclobutantetraol



$C_4H_4(OH)_4$ **(10)**

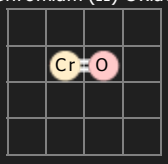
Buildings

Inorganic Pigments

by cake>pie

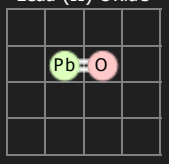
Inputs

Chromium (II) Oxide



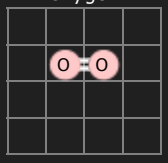
CrO **(50%)**

Lead (II) Oxide



PbO **(50%)**

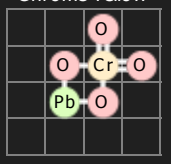
Oxygen



O_2 **(100%)**

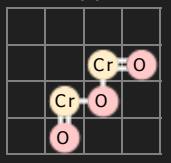
Outputs

Chrome Yellow



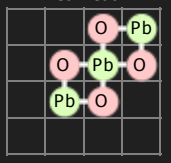
$PbCrO_4$ **(10)**

Viridian



Cr_2O_3 **(10)**

Red Lead



Pb_3O_4 **(10)**

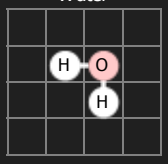
Buildings

Miller-Urey

by cake>pie

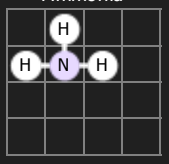
Inputs

Water



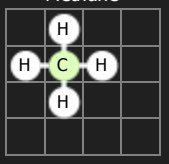
H_2O **(33%)**

Ammonia



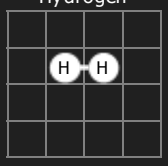
NH_3 **(33%)**

Methane



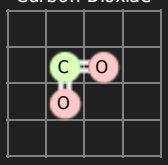
CH_4 **(33%)**

Hydrogen



H_2 **(100%)**

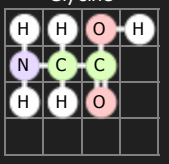
Carbon Dioxide



CO_2 **(100%)**

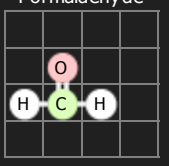
Outputs

Glycine



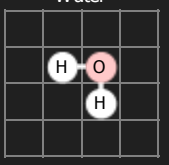
$C_2H_5NO_2$ **(10)**

Formaldehyde



CH_2O **(10)**

Water



H_2O **(10)**

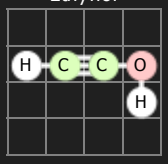
Buildings

Getting Pumped

by cake>pie

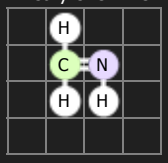
Inputs

Ethynol



C_2H_2O **(100%)**

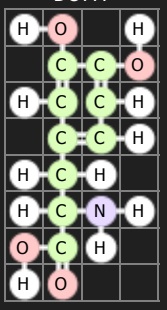
Methyleneimine



CH_3N **(100%)**

Outputs

DOPA



$C_9H_{11}NO_4$ **(10)**

Features

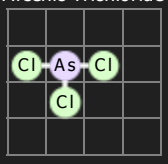
8×

Lewisite

by JG

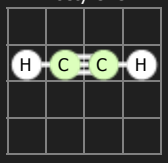
Inputs

Arsenic Trichloride



$AsCl_3$ **(100%)**

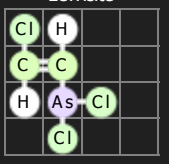
Acetylene



C_2H_2 **(100%)**

Outputs

Lewisite



$C_2H_2AsCl_3$ **(10)**

Features

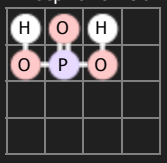
2×

Novichok

by JG

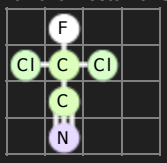
Inputs

Phosphoric Acid



H_2PO_3 **(100%)**

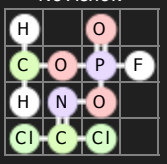
Dichloro Acetonitrile



C_2Cl_2FN **(100%)**

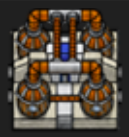
Outputs

Novichok



$C_2Cl_2FH_2NO_3P$
(10)

Buildings

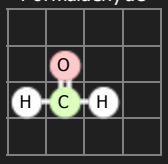


Ribulose

by JG

Inputs

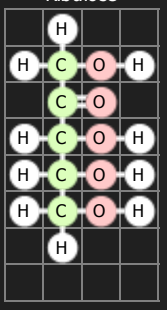
Formaldehyde



CH_2O **(100%)**

Outputs

Ribulose



$C_5H_{10}O_5$ **(10)**

Features

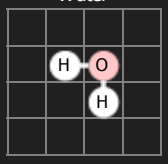
8×

Knockout Drops

by Werbad

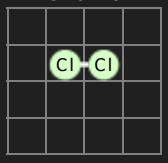
Inputs

Water



H_2O **(100%)**

Chlorine



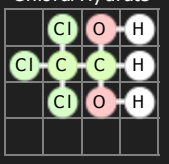
Cl_2 **(100%)**

Ethanol

C_2H_5OH **(100%)**

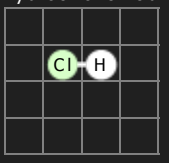
Outputs

Chloral Hydrate



$C_2H_3Cl_3O_2$ **(10)**

Hydrochloric Acid



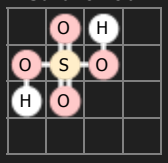
HCl **(10)**

Buildings

Strong Acids
by Werbad

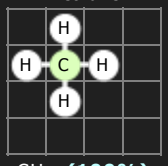
Inputs

Sulfuric Acid



H_2SO_4 **(100%)**

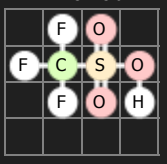
Methane



CH_4 **(100%)**

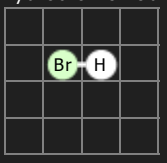
Outputs

Triflic Acid



CF_3SO_3H **(10)**

Hydrobromic Acid



HBr **(10)**

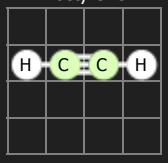
Buildings

Vitamin B3

by Werbad

Inputs

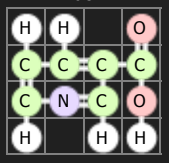
Acetylene



C_2H_2 **(100%)**

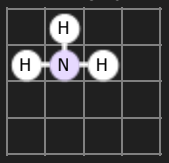
Outputs

Niacin



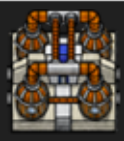
$C_6H_5NO_2$ **(10)**

Ammonia



NH_3 **(10)**

Buildings

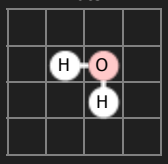


1,2,3-Triphenol

by Criado

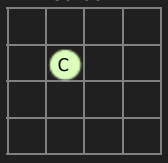
Inputs

Water



H_2O **(100%)**

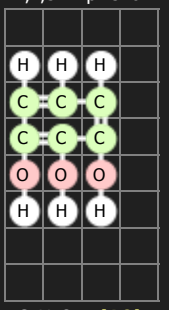
Carbon



C **(100%)**

Outputs

1,2,3-Triphenol



$C_6H_6O_3$ **(10)**

Features

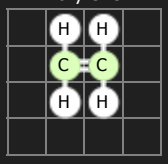
4×

1,3-Dimetoxibencene

by Criado

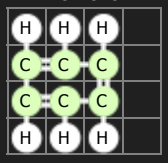
Inputs

Ethylene



C_2H_4 **(100%)**

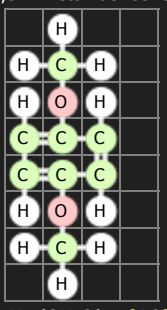
Benzene



C_6H_6 **(100%)**

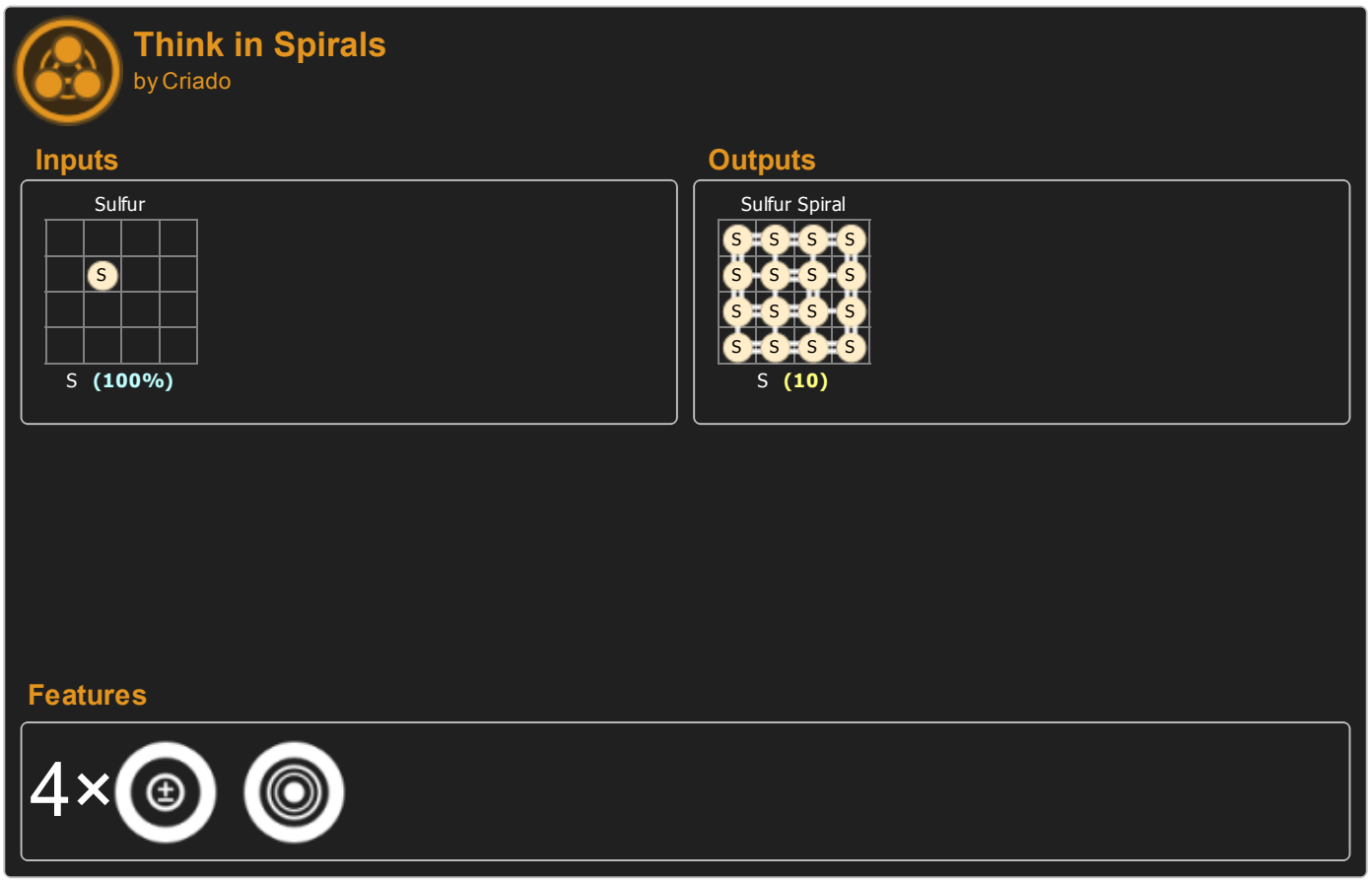
Outputs

1,3-Dimetoxibencene



C_6H_4-$(CH_3O)_2$ **(10)**

Features

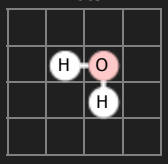

Think in Spirals
by Criado
Inputs
Sulfur
S
S (100%)
Outputs
Sulfur Spiral
S (10)
Features
4×

Yellowcake

by AtomicNinjaWeasel

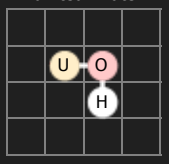
Inputs

Water



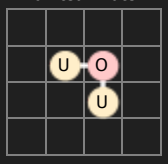
H_2O **(25%)**

Tainted Water



UOH **(50%)**

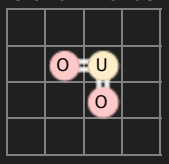
Tainted Water



U_2O **(25%)**

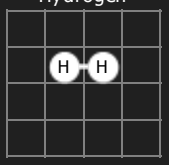
Outputs

Uranium Dioxide



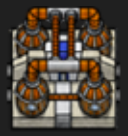
UO_2 **(10)**

Hydrogen



H_2 **(10)**

Buildings

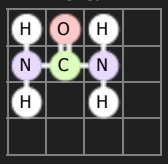


Thiourea

by AtomicNinjaWeasel

Inputs

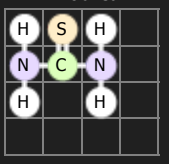
Urea



$(NH_2)_2CO$ **(100%)**

Outputs

Thiourea



$(NH)_2CS$ **(10)**

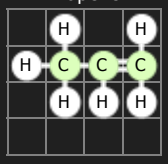
Buildings

Downgrade

by AtomicNinjaWeasel

Inputs

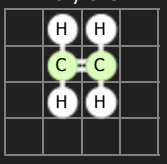
Propene



C_3H_6 **(100%)**

Outputs

Ethylene



C_2H_4 **(10)**

Features

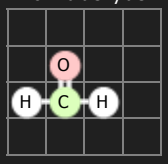
4×

Wood Alcohol

by chemspace

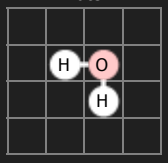
Inputs

Formaldehyde



CH_2O **(100%)**

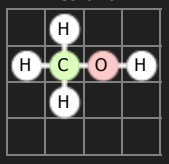
Water



H_2O **(100%)**

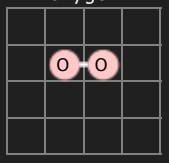
Outputs

Methanol



CH_3OH **(10)**

Oxygen



O_2 **(10)**

Features

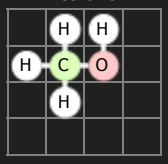
4×

Allyl Alcohol

by chemspace

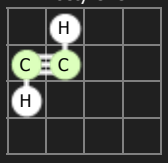
Inputs

Methanol



CH_3OH **(100%)**

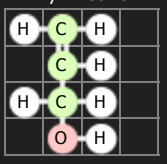
Acetylene



C_2H_2 **(100%)**

Outputs

Allyl Alcohol



C_3H_5OH **(10)**

Features

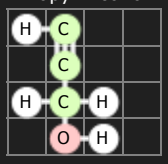
4×

Propargyl Alcohol

by chemspace

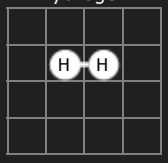
Inputs

Propyl Alcohol



C_3H_3OH **(100%)**

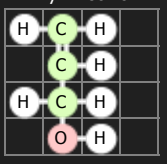
Hydrogen



H_2 **(100%)**

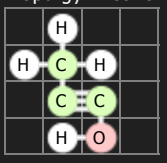
Outputs

Allyl Alcohol



C_3H_5OH **(10)**

Propargyl Alcohol



C_3H_3OH **(10)**

Features

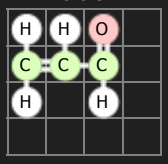
8×

Condensation

by Fira

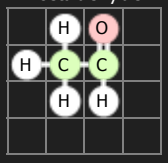
Inputs

Acrolein



C_3H_4O **(100%)**

Acetaldehyde



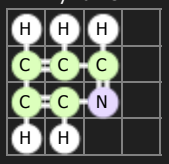
CH_3CHO **(100%)**

Ammonia

NH_3 **(100%)**

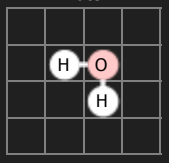
Outputs

Pyridine



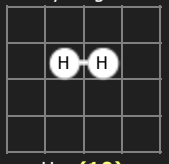
C_6H_5N **(10)**

Water



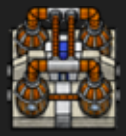
H_2O **(10)**

Hydrogen



H_2 **(10)**

Buildings



Silane

by Fira

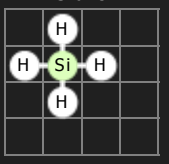
Inputs

Trichlorosilane

$HSiCL_3$ **(100%)**

Outputs

Silane



SiH_4 **(10)**

Silicon Tetrachloride

$SiCL_4$ **(10)**

Features

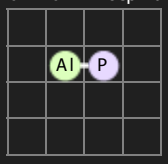
8×

Phosphine

by Fira

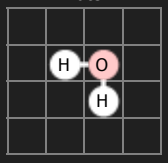
Inputs

Aluminum Phosphide



AlP **(100%)**

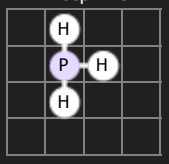
Water



H_2O **(100%)**

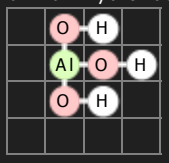
Outputs

Phosphine



PH_3 **(10)**

Aluminum Hydroxide



$Al(OH)_3$ **(10)**

Features

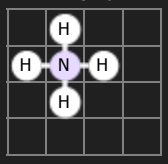
4×

Nuclear Medicine

by Iridium

Inputs

Ammonium



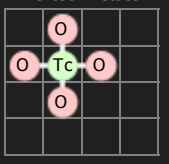
NH_4 **(100%)**

Gadolinium

Gd **(100%)**

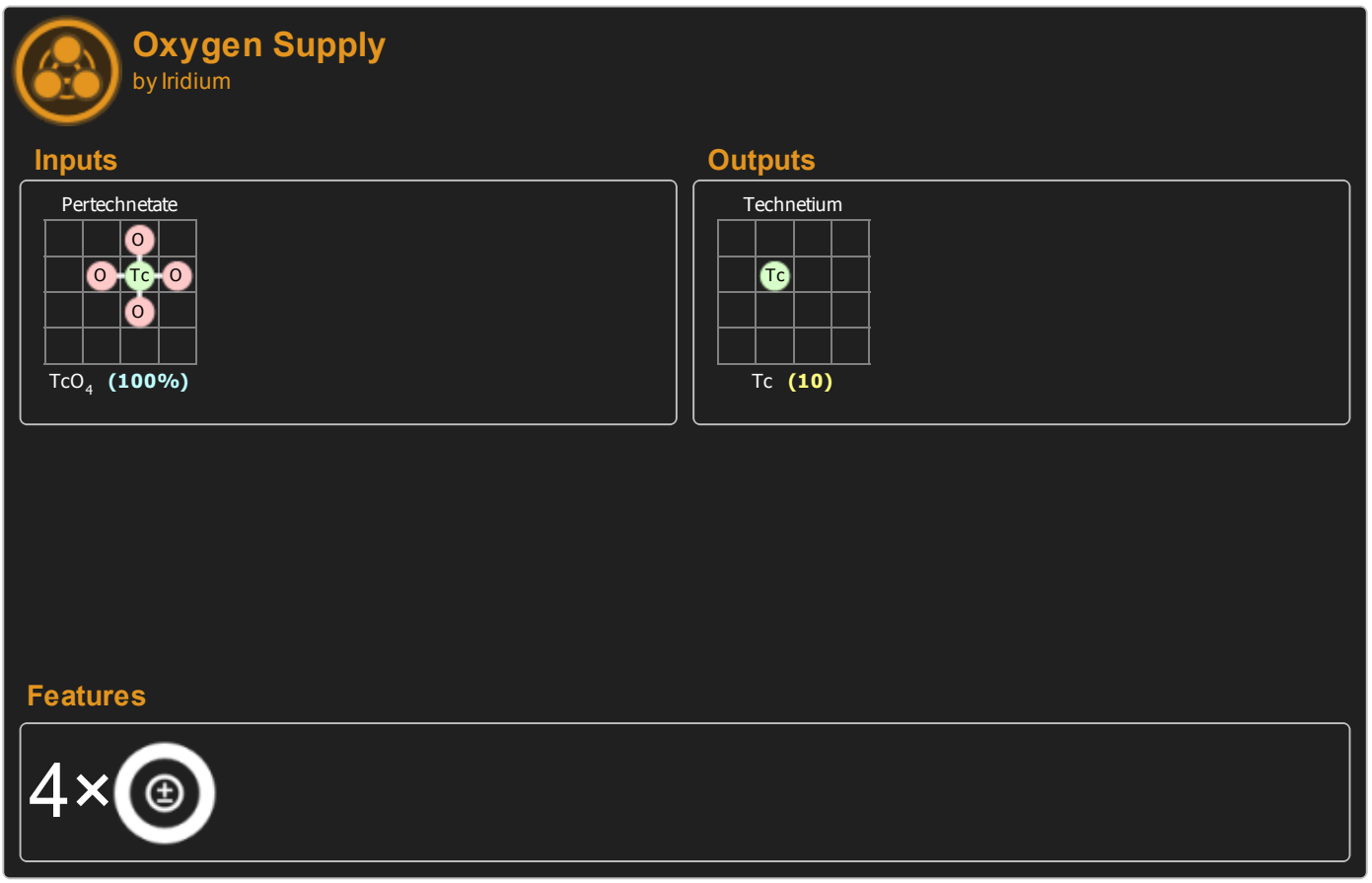
Outputs

Pertechnetate



TcO_4 **(10)**

Buildings

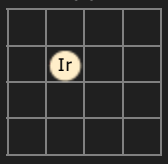

Oxygen Supply
by Iridium
Inputs
Pertechnetate
O
O
Tc
O
O
TcO_4 (100%)
Outputs
Technetium
Tc
Tc (10)
Features
4×

Red Cross

by Iridium

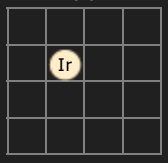
Inputs

Iridium



Ir **(100%)**

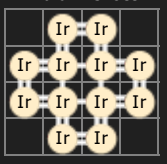
Iridium



Ir **(100%)**

Outputs

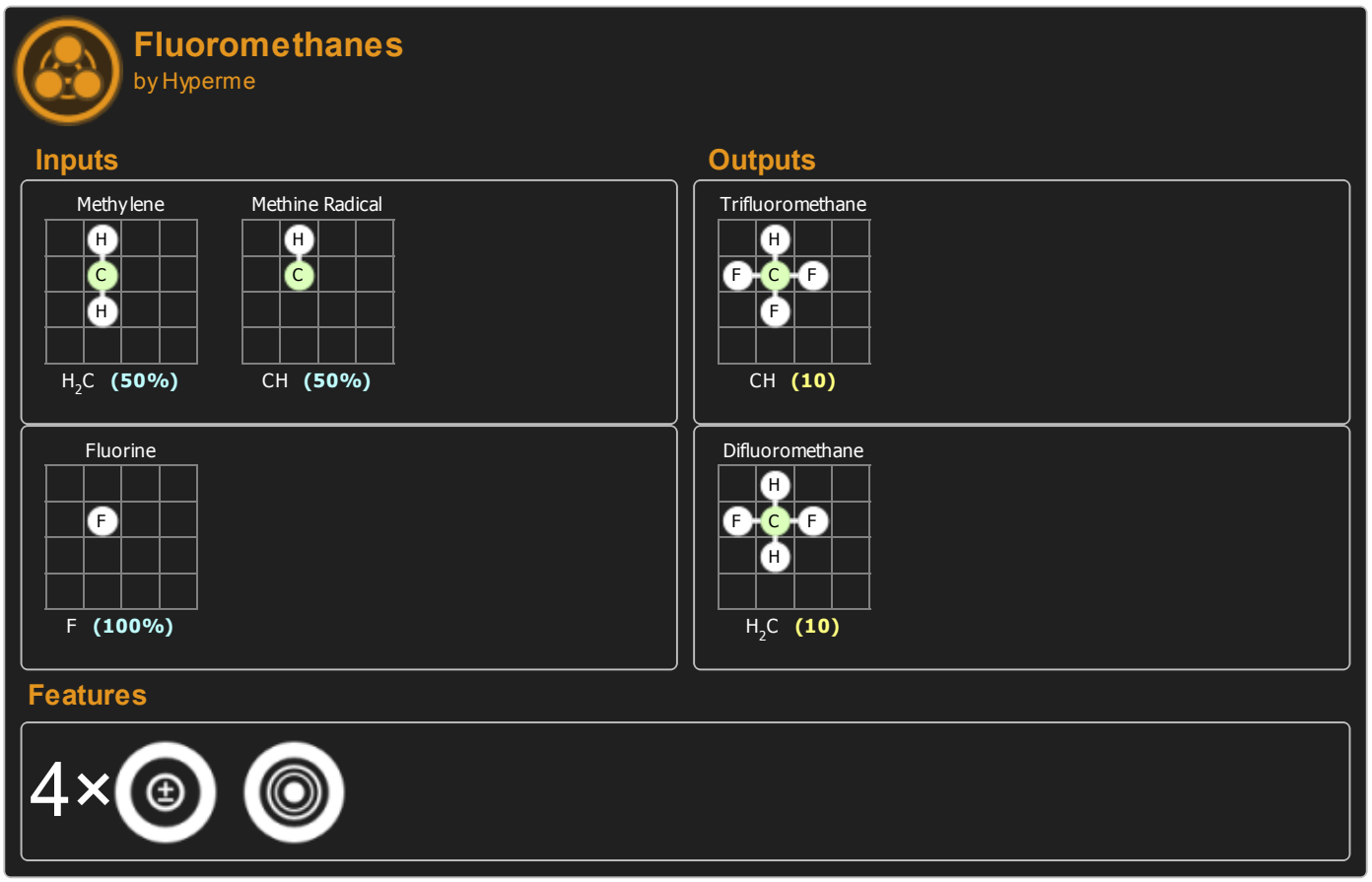
Iridium Cross



Ir_{12} **(10)**

Features

4×

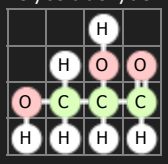

Fluoromethanes
by Hyperme
Inputs
Methylene
H
C
H
H_2C (50%)
Methine Radical
H
C
CH (50%)
Fluorine
F
F (100%)
Outputs
Trifluoromethane
H
F
C
F
F
CH (10)
Difluoromethane
H
F
C
F
H
H_2C (10)
Features
4×

Exercise

by Haruotto

Inputs

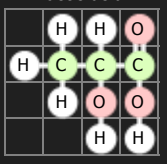
Glyceraldehyde



$C_3H_6O_3$ **(100%)**

Outputs

Lactic acid



$C_3H_6O_3$ **(10)**

Features

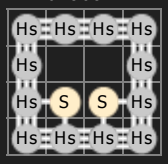
2×

Nanoboxes

by LaVacaMorada

Inputs

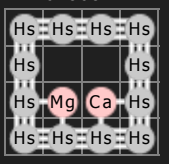
Nanobox A



Hs / S **(100%)**

Outputs

Nanobox B



Hs / Mg / Ca **(10)**

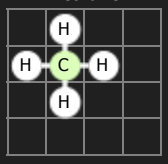
Features

PAX Challenge 1

by Zach

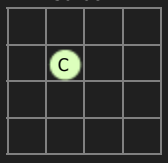
Inputs

Methane



CH_4 **(100%)**

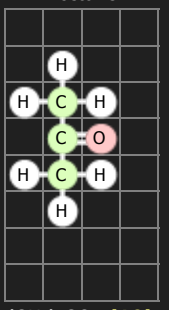
Carbon



C **(100%)**

Outputs

Acetone



$(CH_3)_2CO$ **(10)**

Features

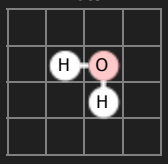
4×

PAX Challenge 2

by Zach

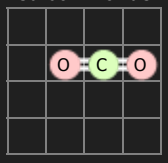
Inputs

Water



H_2O **(100%)**

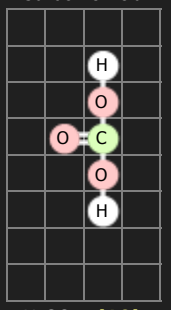
Carbon Dioxide



CO_2 **(100%)**

Outputs

Carbonic Acid



H_2CO_3 **(10)**

Features

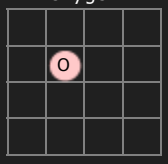
4×

PAX Challenge 3

by Zach

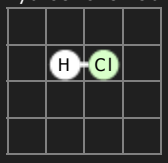
Inputs

Oxygen



O **(100%)**

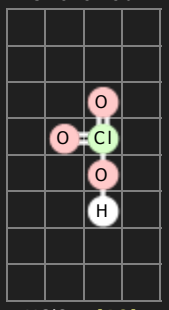
Hydrochloric Acid



HCl **(100%)**

Outputs

Chloric Acid



$HClO_3$ **(10)**

Features

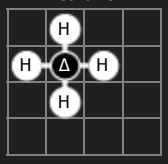
8×

Fill in the Blank

by Lanky

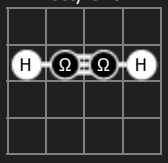
Inputs

Methane?



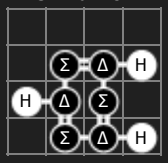
ΔH_4 **(100%)**

Acetylene?



$\Omega_2 H_2$ **(100%)**

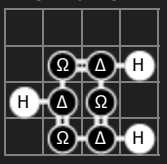
S-Triazine?



$\Sigma_3\Delta_3 H_3$ **(100%)**

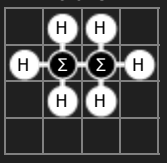
Outputs

S-Triazine?



$\Omega_3\Delta_3 H_3$ **(10)**

Ethane?



$\Sigma_2 H_6$ **(10)**

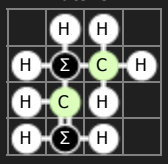
Buildings

Break-up

by Lanky

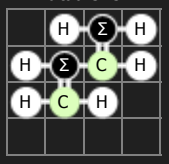
Inputs

Butene?



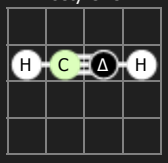
$\Sigma_2C_2H_8$ **(50%)**

Butadiene?



$C_2\Sigma_2H_6$ **(50%)**

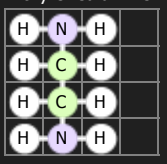
Acetylene?



$C\Delta H_2$ **(100%)**

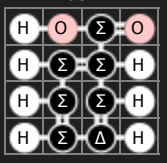
Outputs

Ethylenediamine



$C_2N_2H_8$ **(10)**

Niacin?



$\Sigma_6H_7\Delta O_2$ **(10)**

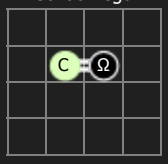
Buildings

Average Out

by Lanky

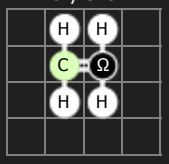
Inputs

Carbomega



$C\Omega$ **(50%)**

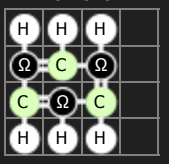
Ethylene?



$C\Omega H_4$ **(50%)**

Outputs

Benzene?



$C_3\Omega_3H_6$ **(10)**

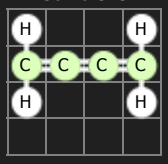
Buildings

Fake-out

by Lanky

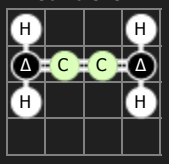
Inputs

Cumulene



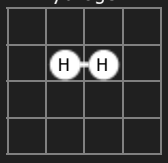
C_4H_4 **(50%)**

Cumulene?



$C_2Δ_2H_4$ **(50%)**

Hydrogen



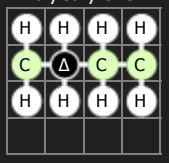
H_2 **(100%)**

Outputs

Cyanogen?

$ΔCN_2$ **(10)**

Polyethylene?



$C_3ΔH_8$ **(10)**

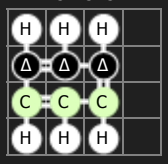
Buildings

Breakdown

by Lanky

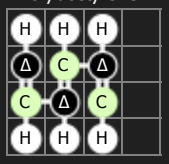
Inputs

Benzene?



$C_3Δ_3H_6$ **(50%)**

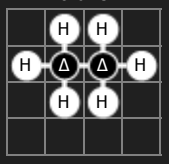
Polyacetylene?



$(ΔCH_2)_3$ **(50%)**

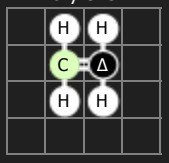
Outputs

Ethane?



$Δ_2H_6$ **(10)**

Ethylene?



$ΔCH_4$ **(10)**

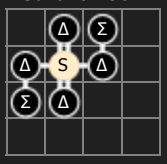
Buildings

Master of Disguise

by Lanky

Inputs

Sulfuric Acid?

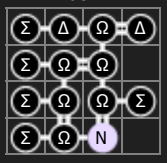


$\Sigma_2 S \Delta_4$ **(50%)**

Phosphoric Acid?

$\Sigma_3 P \Delta_4$ **(50%)**

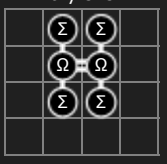
Niacin?



$\Omega_6 \Sigma_5 \Delta_2 N$ **(100%)**

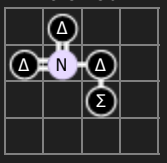
Outputs

Ethylene?



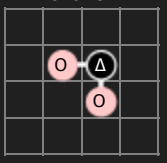
$\Omega_2 \Sigma_4$ **(10)**

Nitric Acid?



$\Sigma N \Delta_3$ **(10)**

Ozone?



ΔO_2 **(10)**

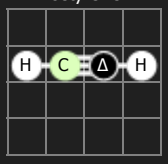
Buildings

Thermoplastic

by Lanky

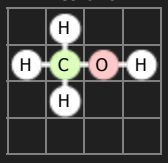
Inputs

Acetylene?



$C\Delta H_2$ **(100%)**

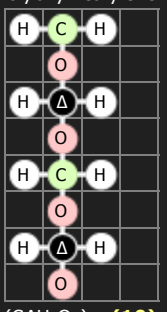
Methanol



CH_3OH **(100%)**

Outputs

Polyoxymethylene?



$(C\Delta H_4O_2)_2$ **(10)**

Features

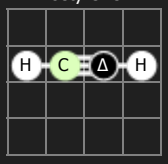
8×

Contaminated

by Lanky

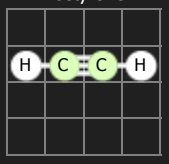
Inputs

Acetylene?



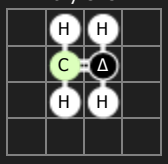
ΔCH_2 **(33%)**

Acetylene



C_2H_2 **(33%)**

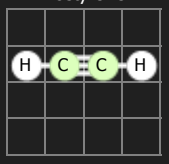
Ethylene?



$C\Delta H_4$ **(33%)**

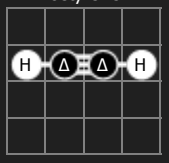
Outputs

Acetylene



C_2H_2 **(10)**

Acetylene?



Δ_2H_2 **(10)**

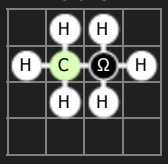
Buildings

Running Low

by Lanky

Inputs

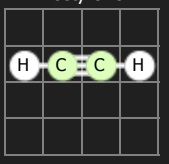
Ethane?



ΩCH_6 **(100%)**

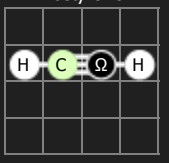
Outputs

Acetylene



C_2H_2 **(10)**

Acetylene



ΩCH_2 **(10)**

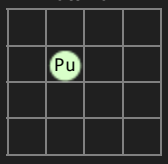
Buildings

Not a Planet

by Lanky

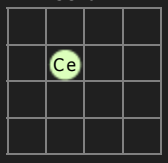
Inputs

Plutonium



Pu **(100%)**

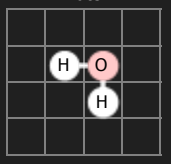
Cerium



Ce **(100%)**

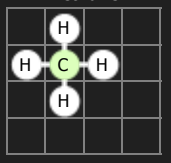
Outputs

Water



H_2O **(10)**

Methane



CH_4 **(10)**

Buildings

Back to Basics

by Lanky

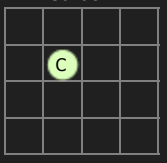
Inputs

Phosphate

PO_4 **(100%)**

Outputs

Carbon



C **(10)**

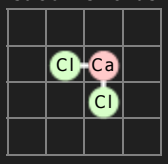
Buildings

Not Helping

by Lanky

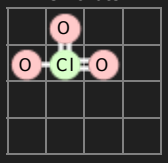
Inputs

Calcium Chloride



$CaCl_2$ **(100%)**

Chlorate



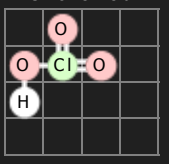
ClO_3 **(100%)**

Chlorate

ClO_3 **(100%)**

Outputs

Chloric Acid



$HClO_3$ **(10)**

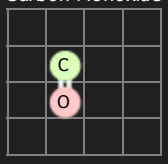
Buildings

Two-fer

by Lanky

Inputs

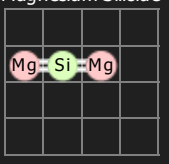
Carbon Monoxide



CO **(100%)**

Outputs

Magnesium Silicide



Mg_2Si **(10)**

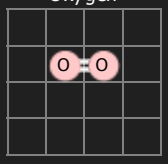
Buildings

Oxygen Synthesis

by Lanky

Inputs

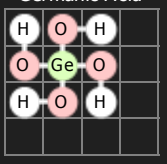
Oxygen



O_2 **(100%)**

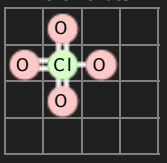
Outputs

Germanic Acid



$Ge(OH)_4$ **(10)**

Perchlorate



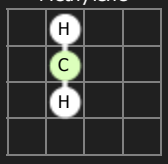
ClO_4 **(10)**

Buildings

Stupor
by Lanky

Inputs

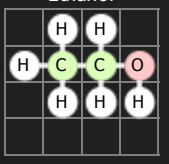
Methylene



H_2C **(100%)**

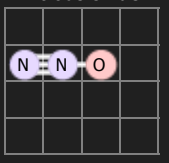
Outputs

Ethanol



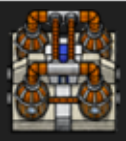
C_2H_5OH **(10)**

Nitrous Oxide



N_2O **(10)**

Buildings

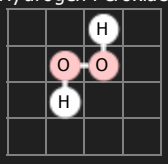


Oxygen Synthesis for Kids

by Lanky

Inputs

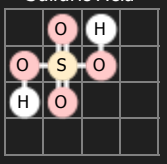
Hydrogen Peroxide



H_2O_2 **(100%)**

Outputs

Sulfuric Acid



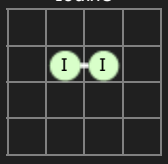
H_2SO_4 **(10)**

Buildings

+1
by Lanky

Inputs

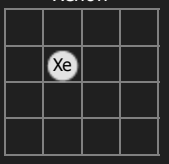
Iodine



I_2 **(100%)**

Outputs

Xenon



Xe **(10)**

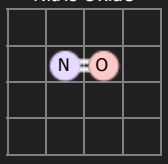
Buildings

Nuclear Sorting

by Lanky

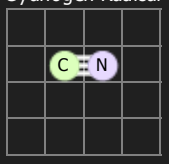
Inputs

Nitric Oxide



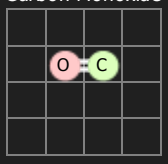
NO **(33%)**

Cyanogen Radical



CN **(33%)**

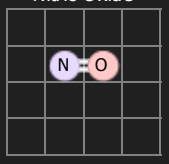
Carbon Monoxide



CO **(33%)**

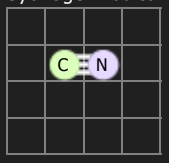
Outputs

Nitric Oxide



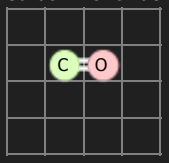
NO **(10)**

Cyanogen Radical



CN **(10)**

Carbon Monoxide



CO **(10)**

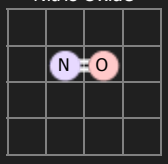
Buildings

Fun with Oxides

by Lanky

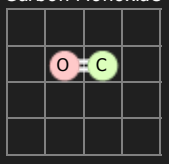
Inputs

Nitric Oxide



NO **(50%)**

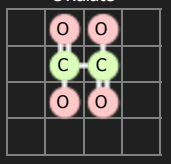
Carbon Monoxide



CO **(50%)**

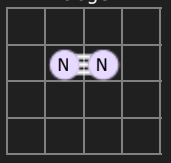
Outputs

Oxalate



C_2O_4 **(10)**

Nitrogen



N_2 **(10)**

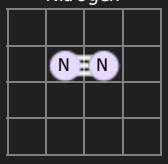
Buildings

Overflow

by Lanky

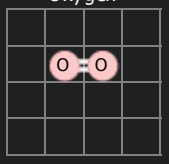
Inputs

Nitrogen



N_2 **(8%)**

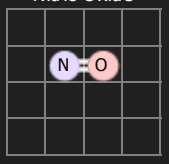
Oxygen



O_2 **(91%)**

Outputs

Nitric Oxide



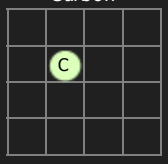
NO **(10)**

Buildings

Conversion
by Lanky

Inputs

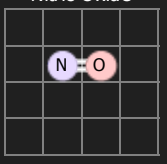
Carbon



C **(100%)**

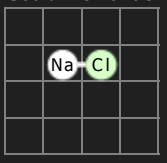
Outputs

Nitric Oxide



NO **(10)**

Sodium Chloride



NaCl **(10)**

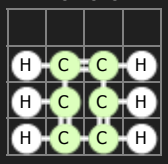
Buildings

Benzene Machine

by Lanky

Inputs

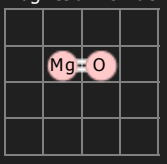
Benzene



C_6H_6 **(100%)**

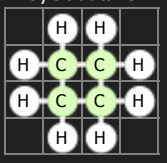
Outputs

Magnesium Oxide



MgO **(10)**

Cyclobutane



C_4H_8 **(10)**

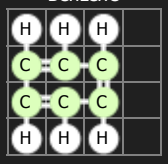
Buildings

Speedster

by Lanky

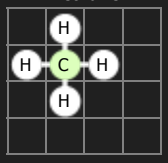
Inputs

Benzene



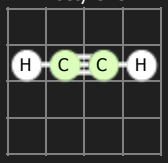
C_6H_6 **(100%)**

Methane



CH_4 **(100%)**

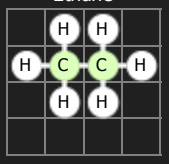
Acetylene



C_2H_2 **(100%)**

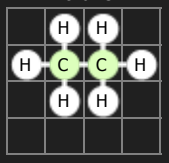
Outputs

Ethane



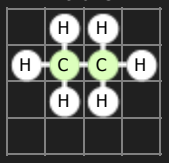
C_2H_6 **(10)**

Ethane



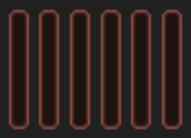
C_2H_6 **(10)**

Ethane



C_2H_6 **(10)**

Buildings

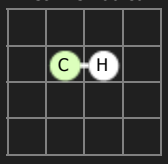


Carbon Splatter

by Lanky

Inputs

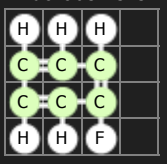
Methine Radical



CH **(100%)**

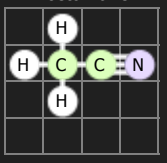
Outputs

Fluorobenzene



C_6H_5F **(10)**

Acetonitrile



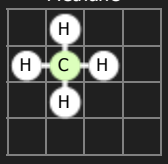
CH_3CN **(10)**

Buildings

Eth
by Lanky

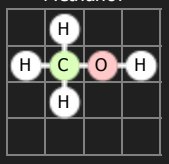
Inputs

Methane



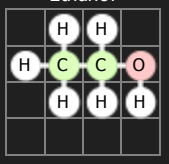
CH_4 **(33%)**

Methanol



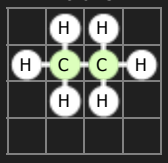
CH_3OH **(33%)**

Ethanol



C_2H_5OH **(33%)**

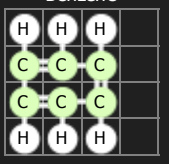
Ethane



C_2H_6 **(100%)**

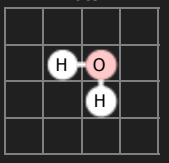
Outputs

Benzene



C_6H_6 **(10)**

Water



H_2O **(10)**

Buildings

Large Scale

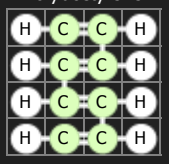
by Lanky

Inputs

Polyethylene

CH_2 **(50%)**

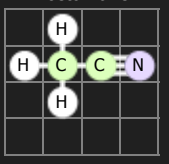
Polyacetylene



C_2H_2 **(50%)**

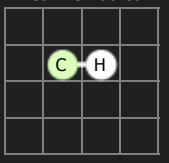
Outputs

Acetonitrile



CH_3CN **(10)**

Methine Radical



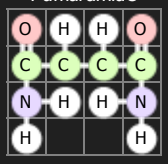
CH **(10)**

Buildings

Revenge
by Lanky

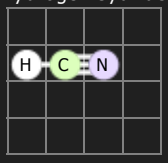
Inputs

Fumaramide



$C_4H_6N_2O_2$ **(100%)**

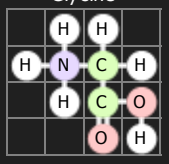
Hydrogen Cyanide



HCN **(100%)**

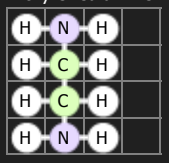
Outputs

Glycine



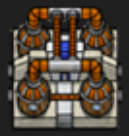
$C_2H_5NO_2$ **(10)**

Ethylenediamine



$C_2H_8N_2$ **(10)**

Buildings

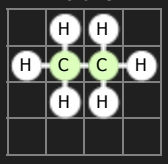


Excess

by Lanky

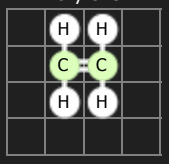
Inputs

Ethane



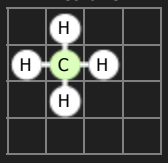
C_2H_6 **(50%)**

Ethylene



C_2H_4 **(50%)**

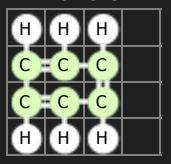
Methane



CH_4 **(100%)**

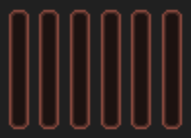
Outputs

Benzene



C_6H_6 **(10)**

Buildings

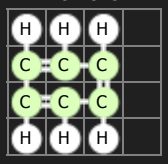


Carbon Compounds

by Lanky

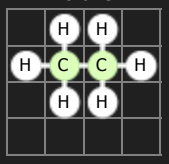
Inputs

Benzene



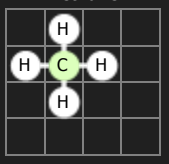
C_6H_6 **(33%)**

Ethane



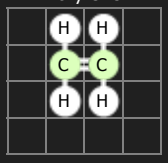
C_2H_6 **(33%)**

Methane



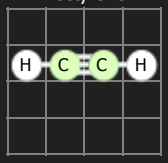
CH_4 **(33%)**

Ethylene



C_2H_4 **(100%)**

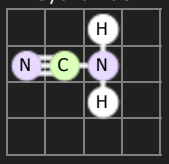
Acetylene



C_2H_2 **(100%)**

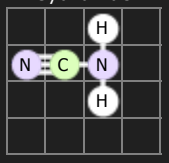
Outputs

Cyanamide



CN_2H_2 **(10)**

Cyanamide



CN_2H_2 **(10)**

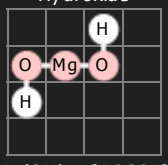
Buildings

Magnesium Bicarbonate

by Lanky

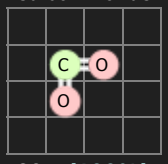
Inputs

Magnesium Hydroxide



$Mg(OH)_2$ **(100%)**

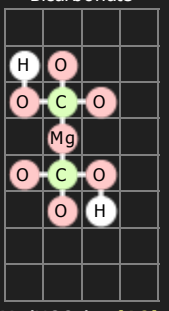
Carbon Dioxide



CO_2 **(100%)**

Outputs

Magnesium Bicarbonate



$Mg(HCO_3)_2$ **(10)**

Features

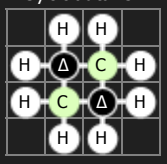
4×

Impostor

by Lanky

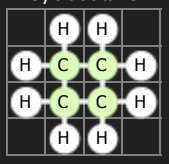
Inputs

Cyclobutane?



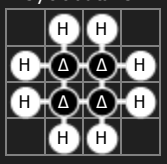
$C_2\Delta_2H_8$ **(33%)**

Cyclobutane



C_4H_8 **(33%)**

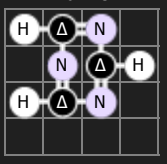
Cyclobutane?



Δ_4H_8 **(33%)**

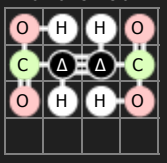
Outputs

Triazine?



$\Delta_3N_3H_6$ **(10)**

Fumaric Acid?



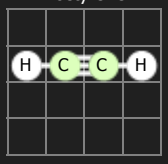
$(COOH)_2(\Delta H)_2$
(10)

Buildings

Master Plan
by Lanky

Inputs

Acetylene

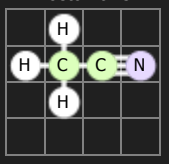


C_2H_2 **(33%)**

Cyanogen

$(CN)_2$ **(33%)**

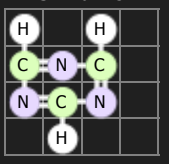
Acetonitrile



CH_3CN **(33%)**

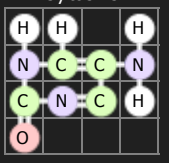
Outputs

S-Triazine



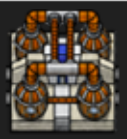
$C_3H_3N_3$ **(10)**

Cytosine



$C_4H_5N_3O$ **(10)**

Buildings

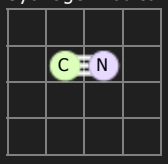


Rags to Riches

by Lanky

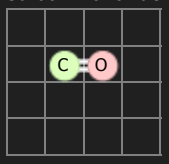
Inputs

Cyanogen Radical



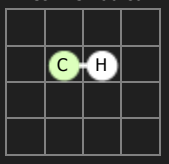
CN **(8%)**

Carbon Monoxide



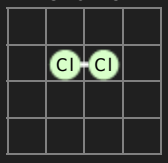
CO **(75%)**

Methine Radical



CH **(16%)**

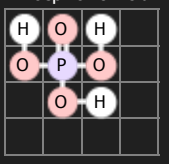
Chlorine



Cl_2 **(100%)**

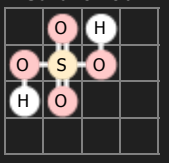
Outputs

Phosphoric Acid



H_3PO_4 **(10)**

Sulfuric Acid



H_2SO_4 **(10)**

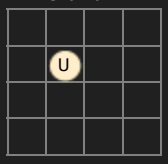
Buildings

Plutonium Separation

by GuavaMoment

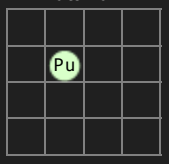
Inputs

Uranium



U (83%)

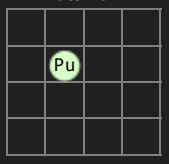
Plutonium



Pu (16%)

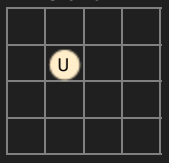
Outputs

Plutonium



Pu (10)

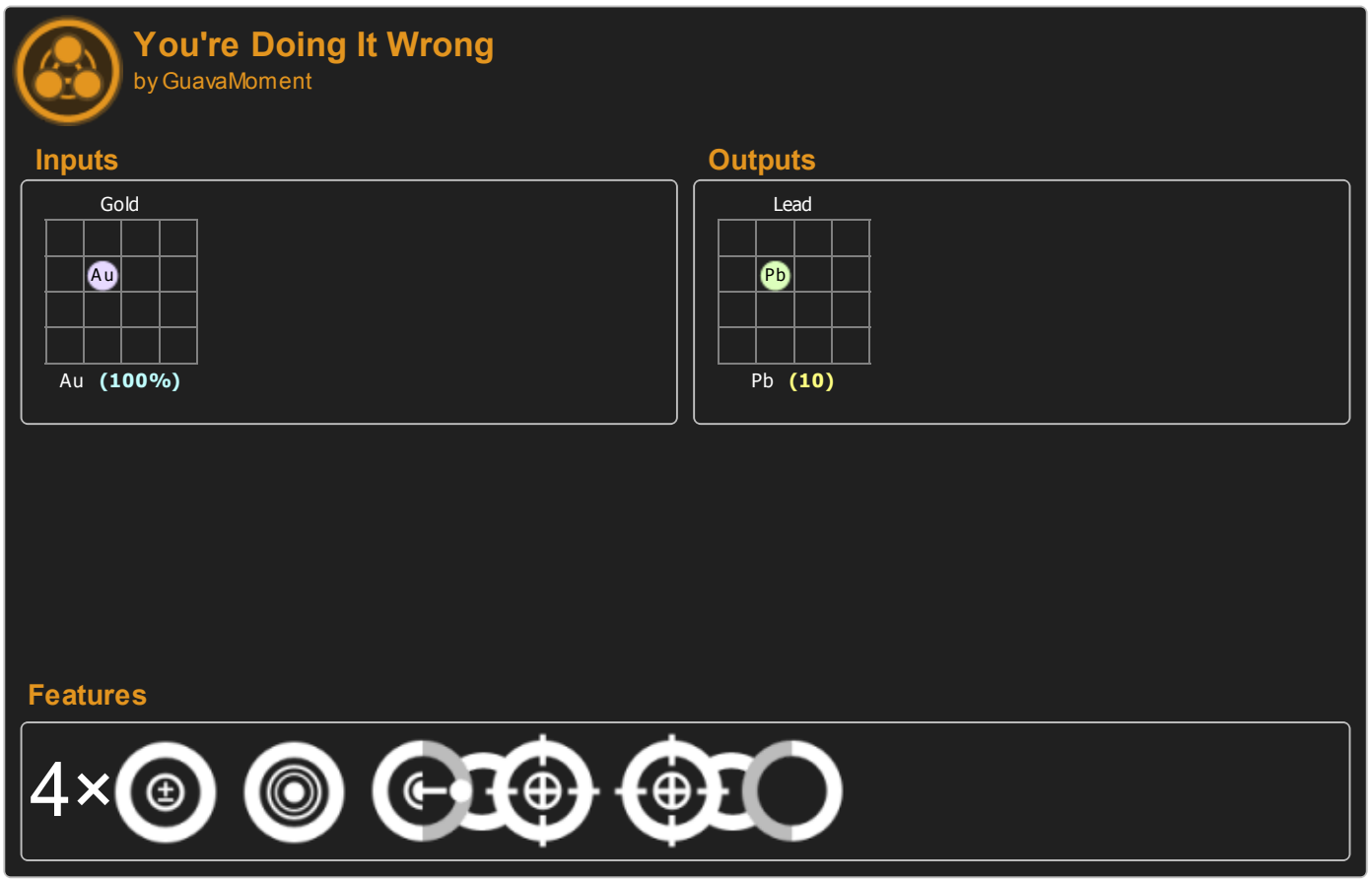
Uranium



U (10)

Features

8×


You're Doing It Wrong
by GuavaMoment
Inputs
Gold
Au
Au (100%)
Outputs
Lead
Pb
Pb (10)
Features
4×

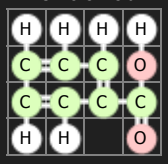

Synthetic Elerium
by GuavaMoment/iteration2
Inputs
Hydrogen
H
H (100%)
Outputs
Synthetic Elerium
Ca
Am
E115 (10)
Features
2×

Deadly Soft Drinks

by GuavaMoment

Inputs

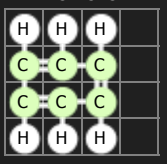
Benzoic Acid



C_6H_5COOH **(100%)**

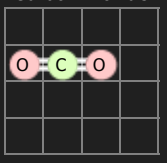
Outputs

Benzene



C_6H_6 **(10)**

Carbon Dioxide



CO_2 **(10)**

Features

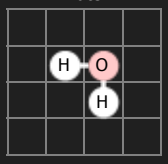
4×

Deadly Fluorinated Water

by GuavaMoment

Inputs

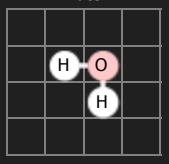
Water



H_2O **(100%)**

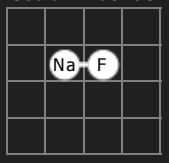
Outputs

Water



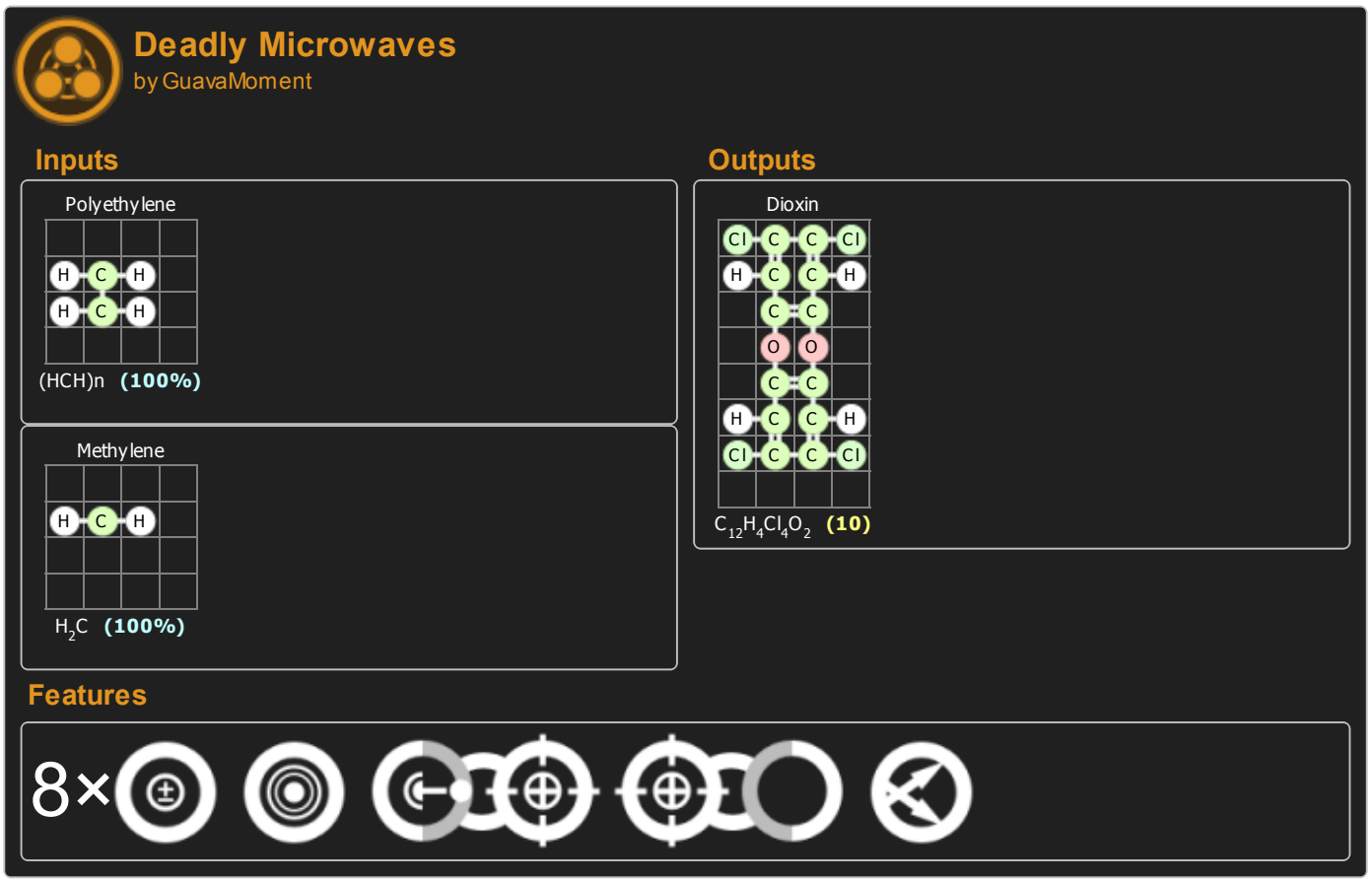
H_2O **(10)**

Sodium Fluoride



NaF **(10)**

Features

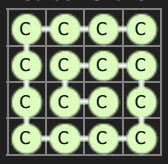

Deadly Microwaves
by GuavaMoment
Inputs
Polyethylene
(HCH)n (100%)
Methylene
H2C (100%)
Outputs
Dioxin
C12H4Cl4O2 (10)
Features
8×

Carbon Snakes

by GuavaMoment

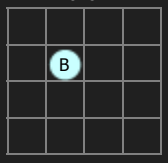
Inputs

Carbon Snake



C_{16} **(100%)**

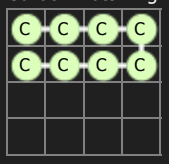
Boron



B **(100%)**

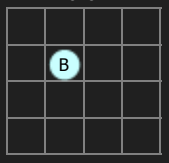
Outputs

Carbon Hatchling



C_{8} **(10)**

Boron



B **(10)**

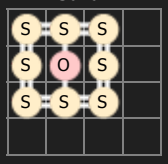
Features

Catalyst

by zaq1xsw2tktk/GuavaMoment

Inputs

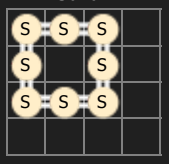
Sulfur



S **(100%)**

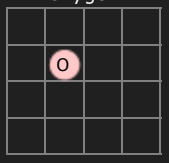
Outputs

Sulfur



S **(10)**

Oxygen



O **(10)**

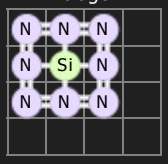
Features

Catalyst II

by zaq1xsw2tktk

Inputs

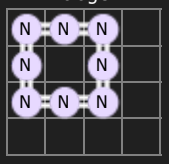
Nitrogen



N **(100%)**

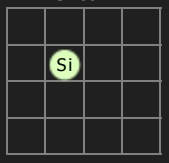
Outputs

Nitrogen



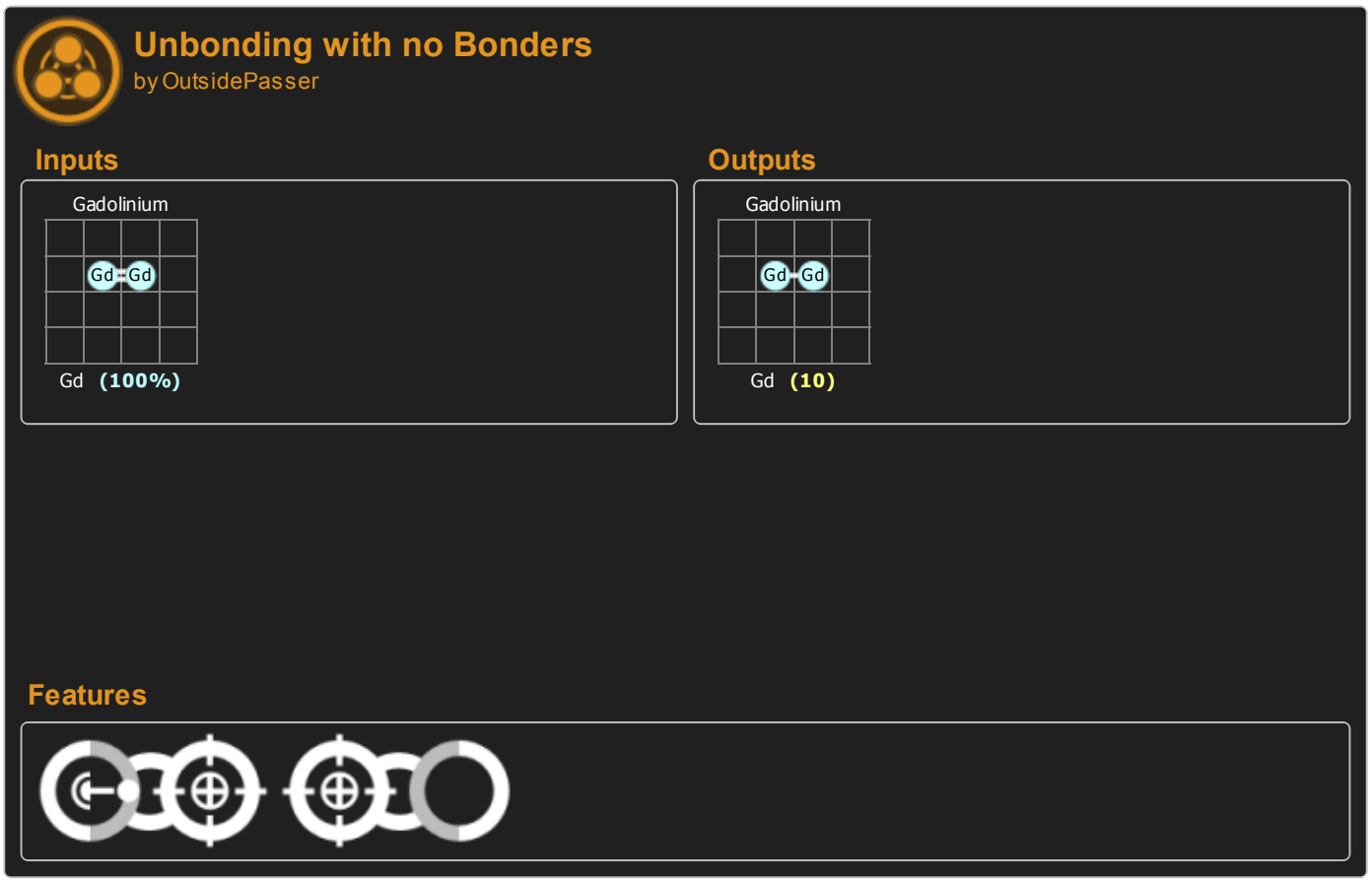
N **(10)**

Silicon



Si **(10)**

Features


Unbonding with no Bonders
by OutsidePasser
Inputs
Gadolinium
Gd Gd
Gd (100%)
Outputs
Gadolinium
Gd Gd
Gd (10)
Features

Breeder Reactor

by Bashy McFetus

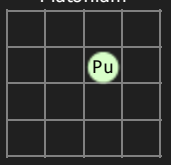
Inputs

Uranium

U **(100%)**

Outputs

Plutonium



Pu **(10)**

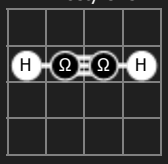
Buildings

Nightmare Factory

by cearn

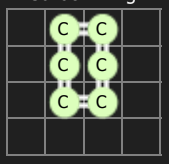
Inputs

Ω-Acetylene



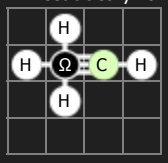
$Ω_2H_2$ **(75%)**

Carbon Ring



C_6 **(25%)**

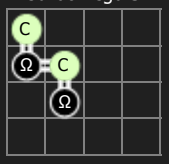
Ω-Pseudoethyne



$ΩH_3CH$ **(100%)**

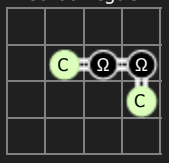
Outputs

Carbomega S



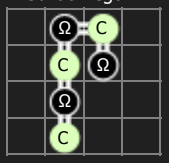
Ω/C **(10)**

Carbomega J



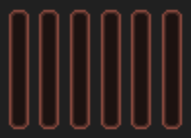
Ω/C **(10)**

Carbomega P



Ω/C **(10)**

Buildings

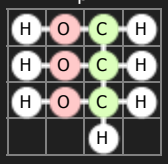


Fructose Factory

by Wild M

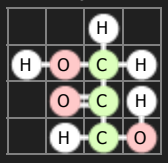
Inputs

β



$C_3H_7O_3$ **(100%)**

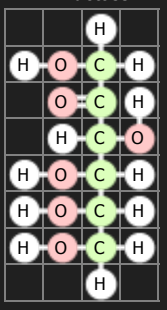
α



$C_3H_5O_3$ **(100%)**

Outputs

D-Fructose



$C_6H_{12}O_6$ **(10)**

Features

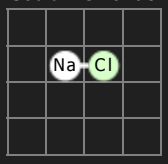
2×

Misfortune Modifier

by Wild M

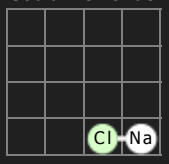
Inputs

Sodium Chloride



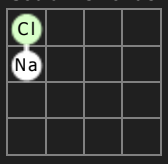
NaCl **(33%)**

Sodium Chloride



NaCl **(33%)**

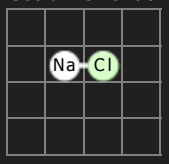
Sodium Chloride



NaCl **(33%)**

Outputs

Sodium Chloride



NaCl **(10)**

Features

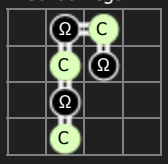
8×

Particle Accelerator

by Wild M

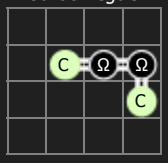
Inputs

Carbomega P



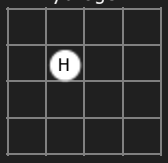
Ω / C **(100%)**

Carbomega J



Ω / C **(100%)**

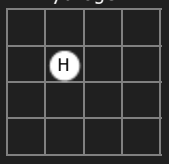
Hydrogen



H **(100%)**

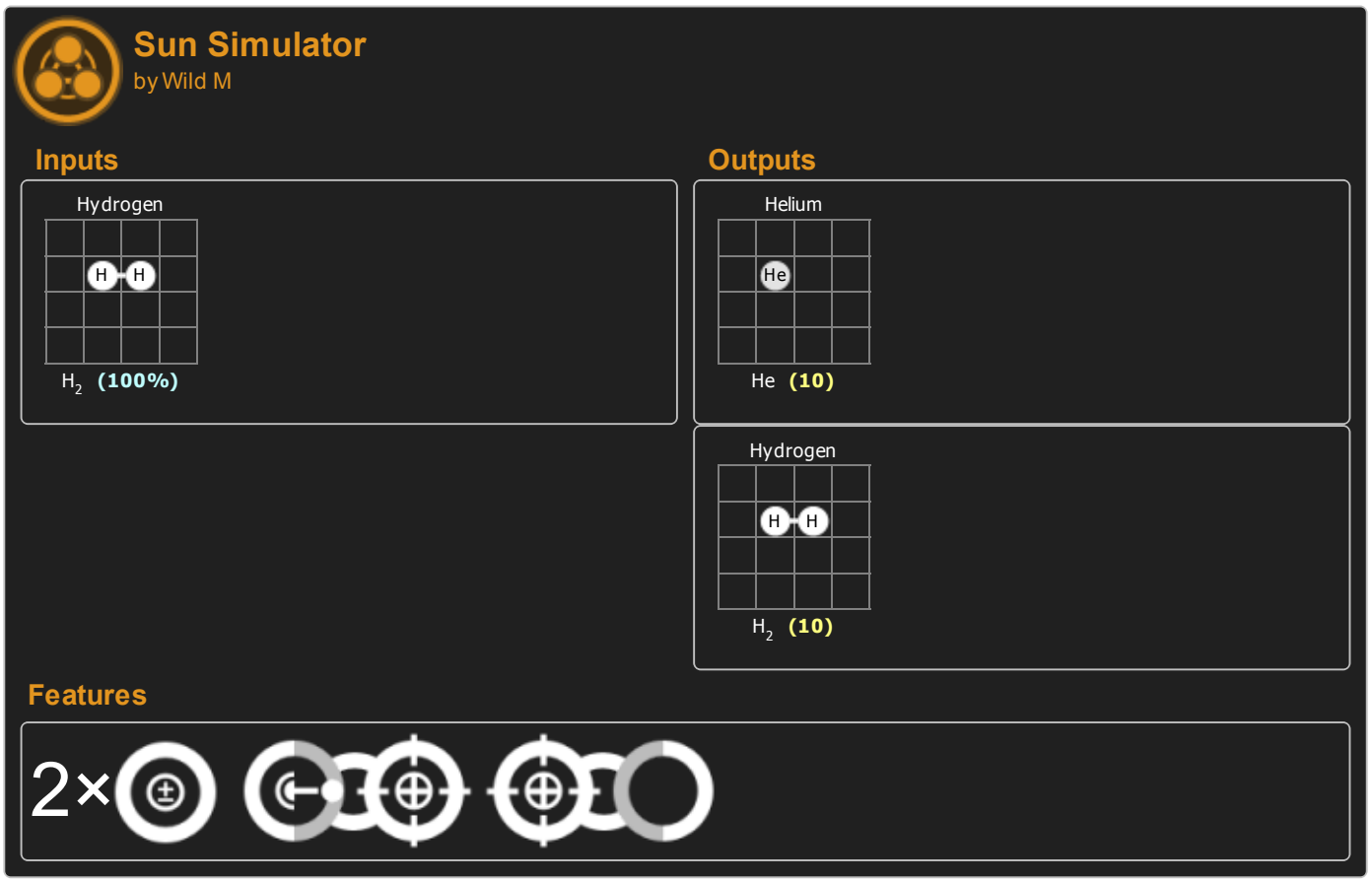
Outputs

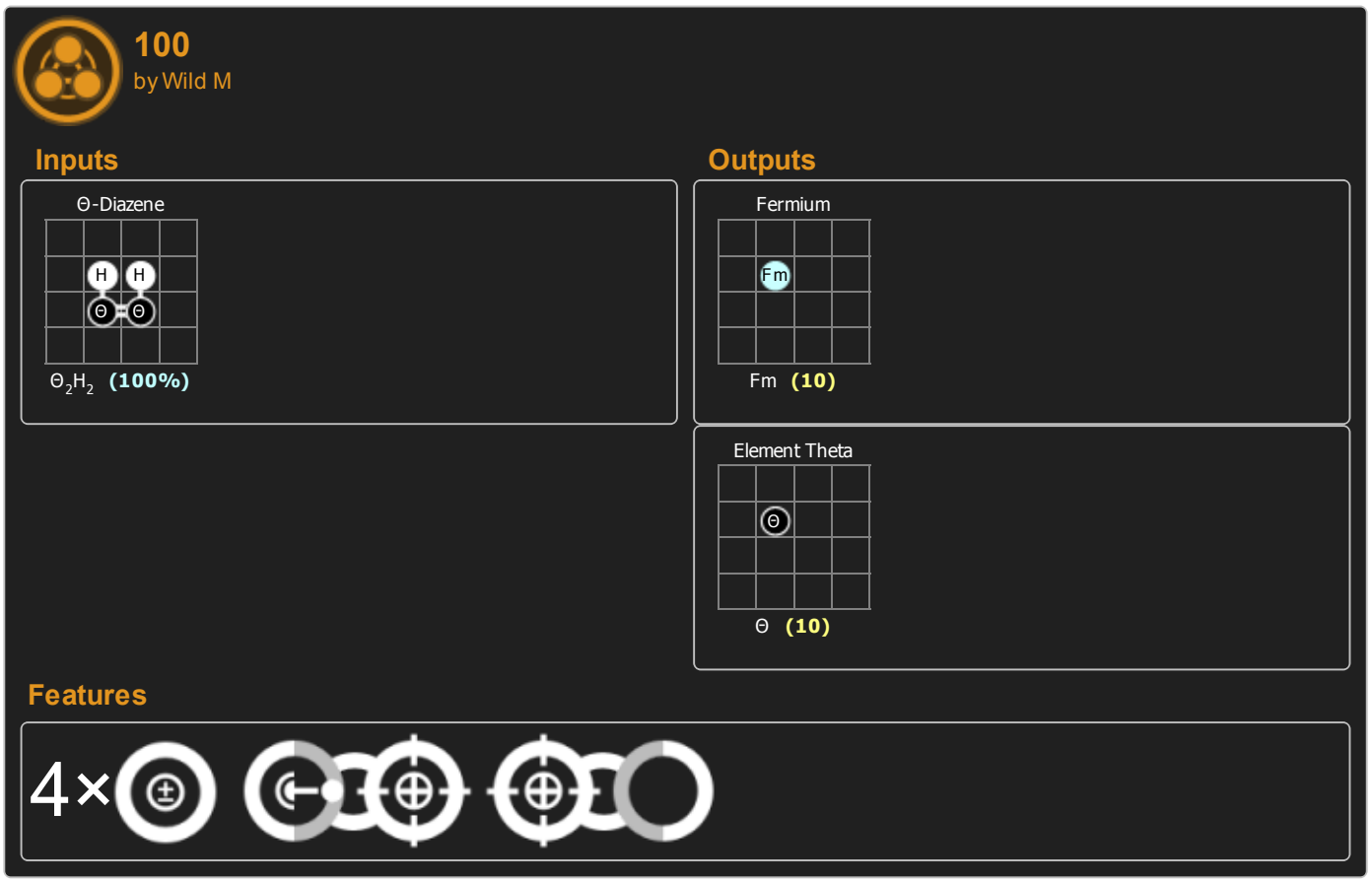
Hydrogen



H **(10)**

Buildings


Sun Simulator
by Wild M
Inputs
Hydrogen
H H
H_2 (100%)
Outputs
Helium
He
He (10)
Hydrogen
H H
H_2 (10)
Features
2×

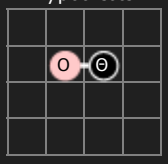

100
by Wild M
Inputs
Θ-Diazene
H
H
Θ
Θ
$Θ_2H_2$ (100%)
Outputs
Fermium
Fm
Fm (10)
Element Theta
Θ
Θ (10)
Features
4×

Hypothetical Synthesis

by Wild M

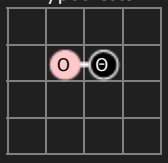
Inputs

Hypothetite



ΘO **(100%)**

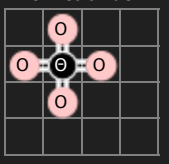
Hypothetite



ΘO **(100%)**

Outputs

Θ-Tetroxide



ΘO_4 **(10)**

Features

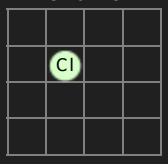
8×

Halogen Sorting

by Wild M

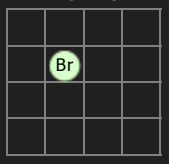
Inputs

Chlorine



Cl **(50%)**

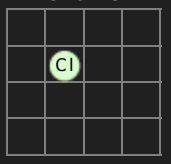
Bromine



Br **(50%)**

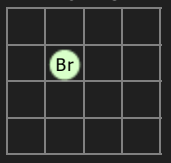
Outputs

Chlorine



Cl **(24)**

Bromine



Br **(24)**

Features

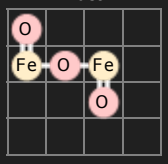
2×

Metallica

by Lanky

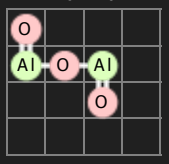
Inputs

Rust



Fe_2O_3 **(33%)**

Alumina



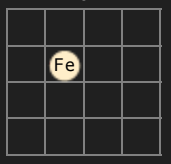
Al_2O_3 **(33%)**

Gallium(III) Oxide

Ga_2O_3 **(33%)**

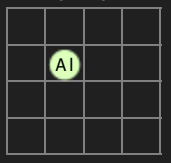
Outputs

Iron



Fe **(10)**

Aluminum



Al **(10)**

Gallium

Ga **(10)**

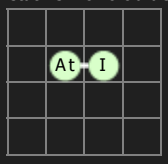
Buildings

Homogenizer

by Wild M

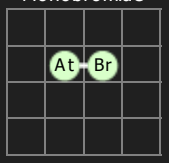
Inputs

Astatine Monoiodide



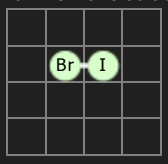
AtI **(33%)**

Astatine Monobromide



AtBr **(33%)**

Bromine Monoiodide



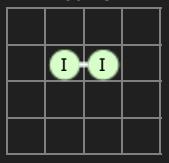
BrI **(33%)**

Outputs

Astatine

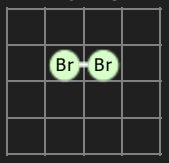
At_2 **(10)**

Iodine



I_2 **(10)**

Bromine



Br_2 **(10)**

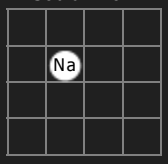
Buildings

Dessication Station

by Wild M

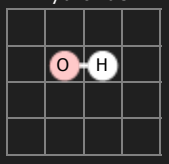
Inputs

Sodium Ion



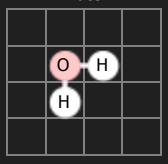
Na+ **(8%)**

Hydroxide



OH- **(8%)**

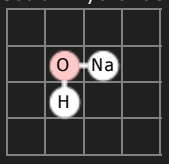
Water



H_2O **(83%)**

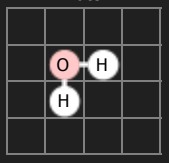
Outputs

Sodium Hydroxide



NaOH **(12)**

Water



H_2O **(12)**

Features

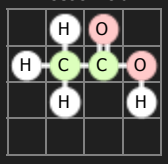
4×

Vinegar Distillation

by Exclusive OR

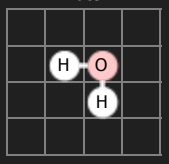
Inputs

Acetic Acid



CH_3COOH **(8%)**

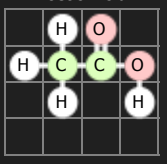
Water



H_2O **(91%)**

Outputs

Acetic Acid



CH_3COOH **(10)**

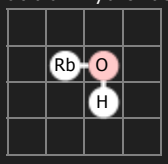
Buildings

A Glass of Water

by Lanky

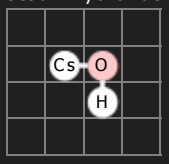
Inputs

Rubidium Hydroxide



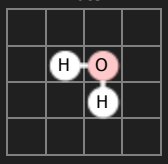
RbOH **(25%)**

Cesium Hydroxide



CsOH **(25%)**

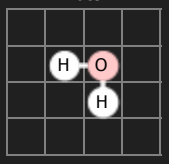
Water



H_2O **(50%)**

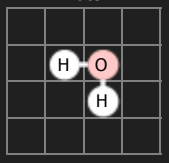
Outputs

Water



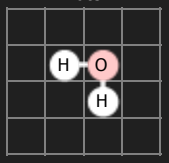
H_2O **(10)**

Water



H_2O **(10)**

Water



H_2O **(10)**

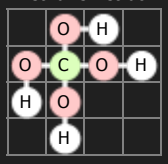
Buildings

Pertetroxide Synthesis EX

by Leylite/Wild M

Inputs

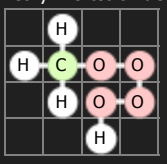
Methane Tetraol



$C(OH)_4$ **(100%)**

Outputs

Methyl Pertetroxide



CH_3O_6H **(10)**

Features

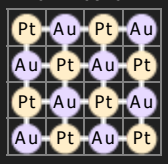
4×

Fantastic Metals

by Blueeyedrat

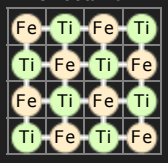
Inputs

Raw Platinum



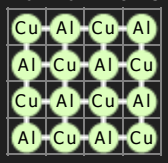
Pt / Au **(100%)**

Ferrotitanium



Fe / Ti **(100%)**

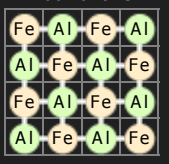
Aluminum Bronze



Cu / Al **(100%)**

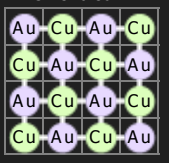
Outputs

Adamantine



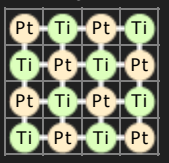
Fe / Al **(10)**

Orichalcum



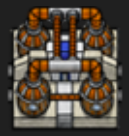
Au / Cu **(10)**

Mithril



Pt / Ti **(10)**

Buildings

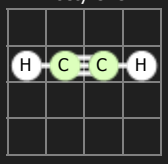


Reppe Chemistry

by Lanky

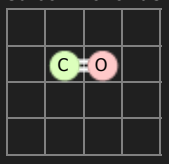
Inputs

Acetylene



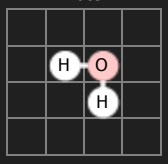
C_2H_2 **(33%)**

Carbon Monoxide



CO **(33%)**

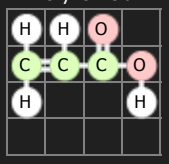
Water



H_2O **(33%)**

Outputs

Acrylic Acid



$C_3H_4O_2$ **(10)**

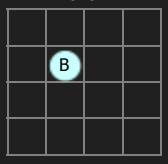
Buildings

Better Than Graphene

by Wild M

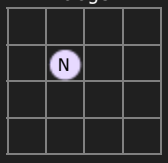
Inputs

Boron



B **(100%)**

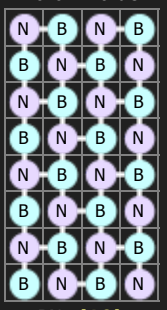
Nitrogen



N **(100%)**

Outputs

Boron Nitride



BN **(10)**

Features

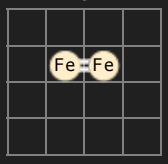
8× 

Magnets

by Wild M

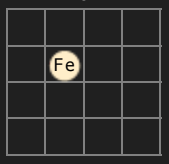
Inputs

Iron



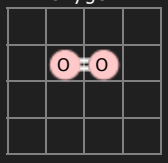
Fe_2 **(25%)**

Iron



Fe **(75%)**

Oxygen



O_2 **(100%)**

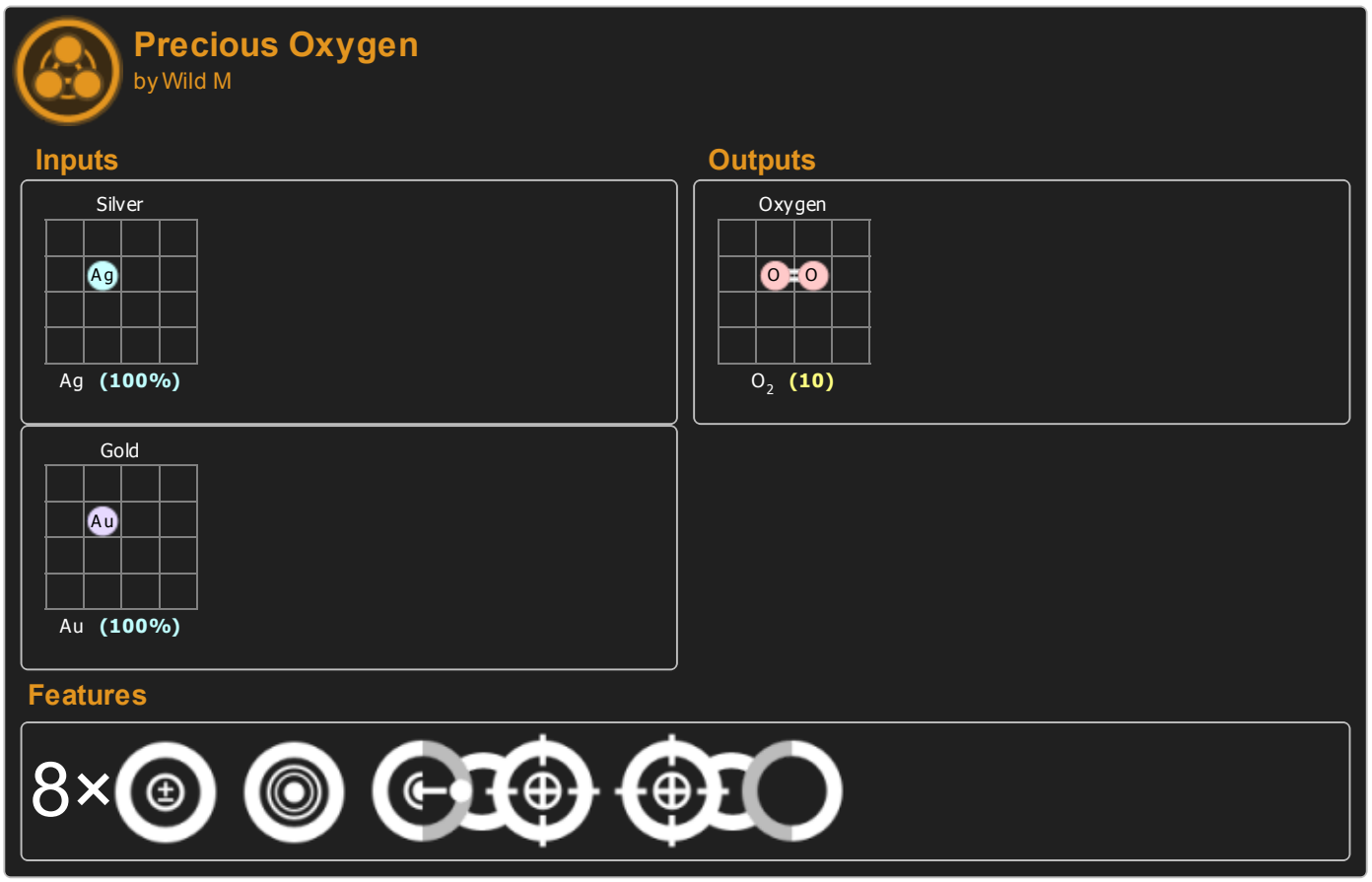
Outputs

Magnetite

Fe_2O_3 **(10)**

Features

8×

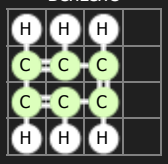

Precious Oxygen
by Wild M
Inputs
Silver
Ag
Ag (100%)
Gold
Au
Au (100%)
Outputs
Oxygen
O O
O2 (10)
Features
8×

Dewer Benzene

by GuavaMoment

Inputs

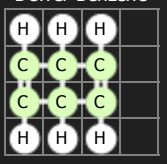
Benzene



C_6H_6 **(100%)**

Outputs

Dewer Benzene



C_6H_6 **(10)**

Features

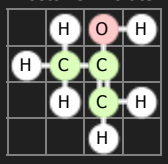
2×

Natural Chemo

by WildM

Inputs

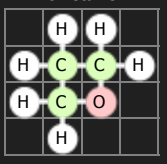
Acetone Enolate



C_3H_6O **(100%)**

Outputs

Oxetane



C_3H_6O **(10)**

Features

8×

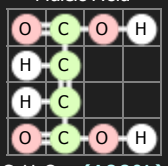
Isomers : 8-1-3

The Chem in SpaceChem

by WildM

Inputs

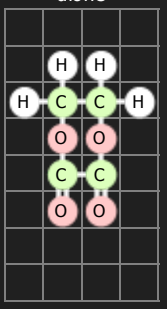
Maleic Acid



$C_4H_4O_4$ **(100%)**

Outputs

1,4-dioxane-2,3-dione



$C_4H_4O_4$ **(10)**

Features

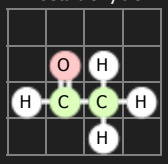
8×

Airborne Aldehyde

by ToughThought

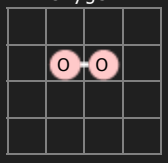
Inputs

Acetaldehyde



CH_3CHO **(100%)**

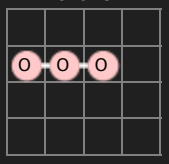
Oxygen



O_2 **(100%)**

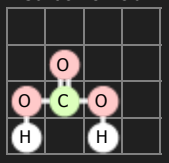
Outputs

Ozone



O_3 **(10)**

Carbonic Acid



H_2CO_3 **(10)**

Features

4×

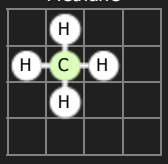
Recombined : 8-2-2

Natural Gas

by GuavaMoment

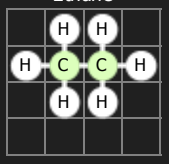
Inputs

Methane



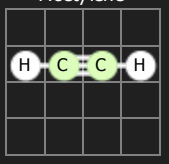
CH_4 **(33%)**

Ethane



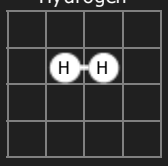
C_2H_6 **(33%)**

Acetylene



C_2H_2 **(33%)**

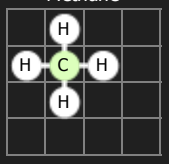
Hydrogen



H_2 **(100%)**

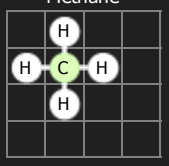
Outputs

Methane



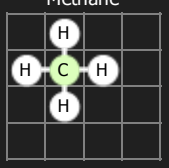
CH_4 **(10)**

Methane



CH_4 **(10)**

Methane



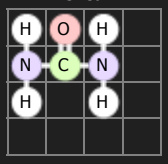
CH_4 **(10)**

Buildings

Symmetry
by Blueeyedrat

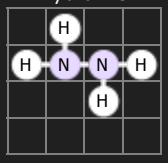
Inputs

Urea



CH_4N_2O **(100%)**

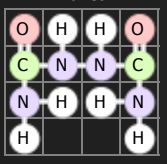
Hydrazine



N_2H_4 **(100%)**

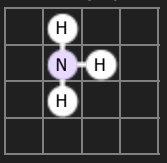
Outputs

Biurea



$C_2H_6N_4O_2$ **(10)**

Ammonia



NH_3 **(10)**

Features

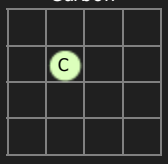
4×

Fenton Industries 001

by Fenton

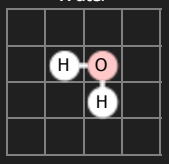
Inputs

Carbon



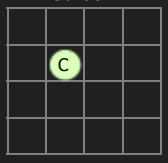
C **(25%)**

Water



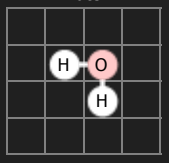
H_2O **(75%)**

Carbon



C **(75%)**

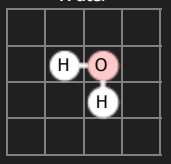
Water



H_2O **(25%)**

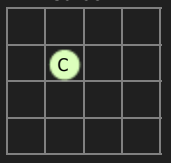
Outputs

Water



H_2O **(10)**

Carbon



C **(10)**

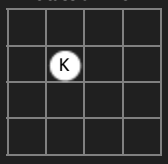
Features

Oxygen Candle

by WildM

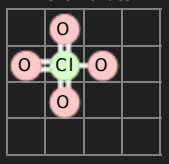
Inputs

Potassium Ion



K+ **(50%)**

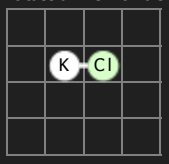
Perchlorate



$(ClO_4)^-$ **(50%)**

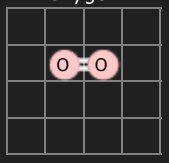
Outputs

Potassium Chloride



KCl **(6)**

Oxygen



O_2 **(12)**

Features

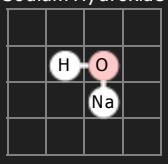
8×

Lies

by Blueeyedrat

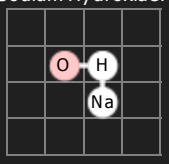
Inputs

Sodium Hydroxide



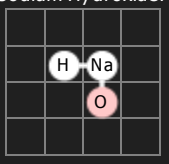
NaOH **(33%)**

Sodium Hydroxide?



NaOH **(33%)**

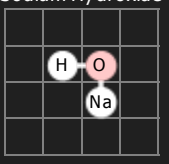
Sodium Hydroxide?



NaOH **(33%)**

Outputs

Sodium Hydroxide



NaOH **(10)**

Features

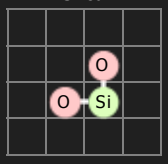
2×

Liquid Glass

by WildM

Inputs

Silica



SiO_2 **(100%)**

Outputs

Sodium Silicate

Na_2SiO_3 **(10)**

Features

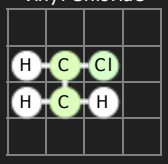
8×

PVC V

by WildM

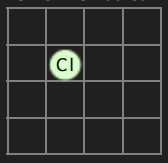
Inputs

Vinyl Chloride



C_2H_3Cl **(100%)**

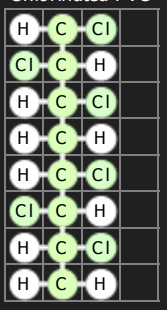
Chlorine Radical



Cl **(100%)**

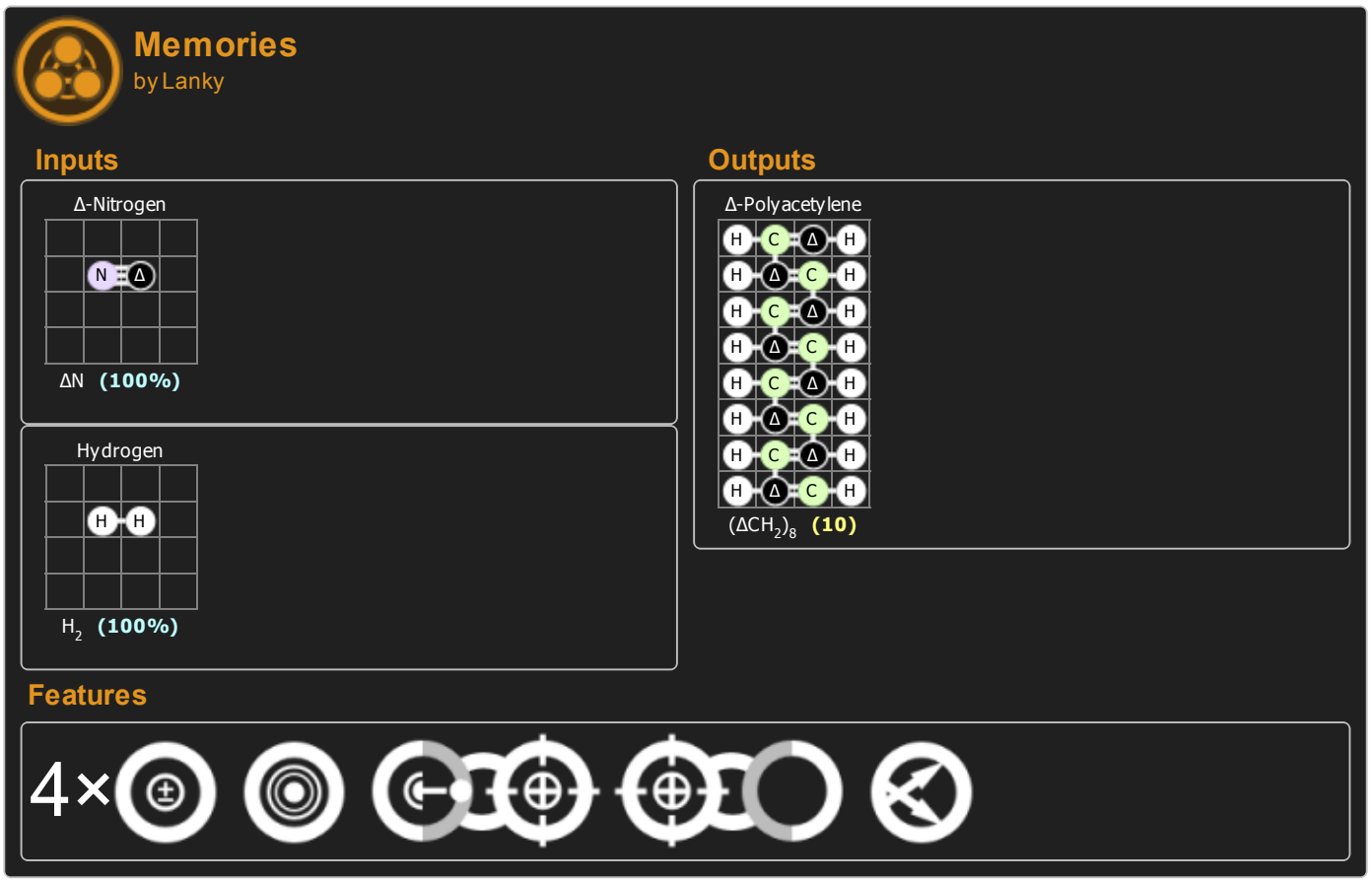
Outputs

Chlorinated PVC



$C_2H_3Cl/C_2H_2Cl_2$
(10)

Features


Memories
by Lanky
Inputs
Δ-Nitrogen
ΔN (100%)
Hydrogen
H2 (100%)
Outputs
Δ-Polyacetylene
(ΔCH2)8 (10)
Features
4×

Tumbler

by Blueeyedrat

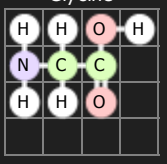
Inputs

Ethyl Nitrite

$C_2H_5NO_2$ **(100%)**

Outputs

Glycine



$C_2H_5NO_2$ **(10)**

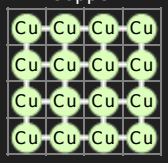
Buildings

Molecular Key Carving

by Sibling of TB/WildM

Inputs

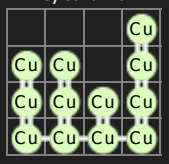
Copper



Cu **(100%)**

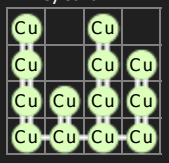
Outputs

Keycard 167



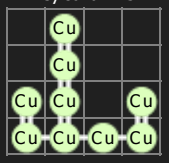
Cu **(10)**

Keycard 222



Cu **(10)**

Keycard 113



Cu **(10)**

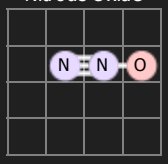
Buildings

Sensitive Explosives I

by Exuberance

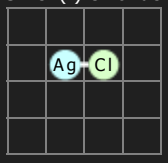
Inputs

Nitrous Oxide



N_2O **(100%)**

Silver (I) Chloride



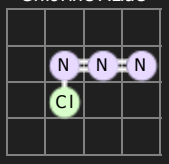
AgCl **(100%)**

Cyanogen

$(CN)_2$ **(100%)**

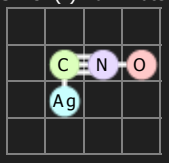
Outputs

Chlorine Azide



ClN_3 **(10)**

Silver (I) Fulminate



AgCNO **(10)**

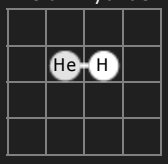
Buildings

Waste Gas

by ToughThought

Inputs

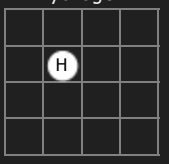
Helium Hydride



HeH+ **(100%)**

Outputs

Hydrogen



H **(15)**

Features

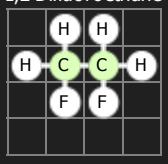
2× 

Ethane Scrubbing

by Leylite

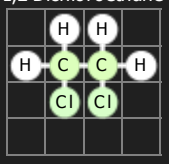
Inputs

1,2 Difluoroethane



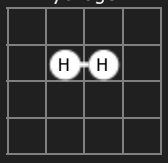
$C_2H_4F_2$ **(50%)**

1,2 Dichloroethane



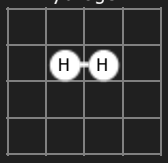
$C_2H_4Cl_2$ **(50%)**

Hydrogen



H_2 **(100%)**

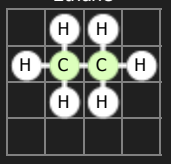
Hydrogen



H_2 **(100%)**

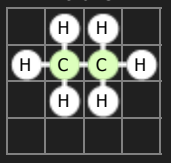
Outputs

Ethane



C_2H_6 **(10)**

Ethane



C_2H_6 **(10)**

Buildings

Melanophlogite Clathrates

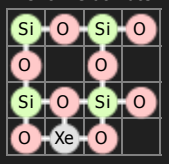
by GuavaMoment

Inputs

Krypton Clathrate

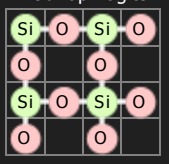
$SiO_2(Kr)$ **(33%)**

Xenon Clathrate



$SiO_2(Xe)$ **(33%)**

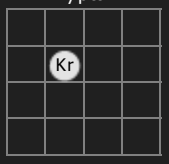
Melanophlogite



SiO_2 **(33%)**

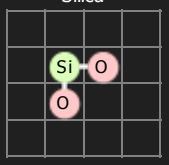
Outputs

Krypton



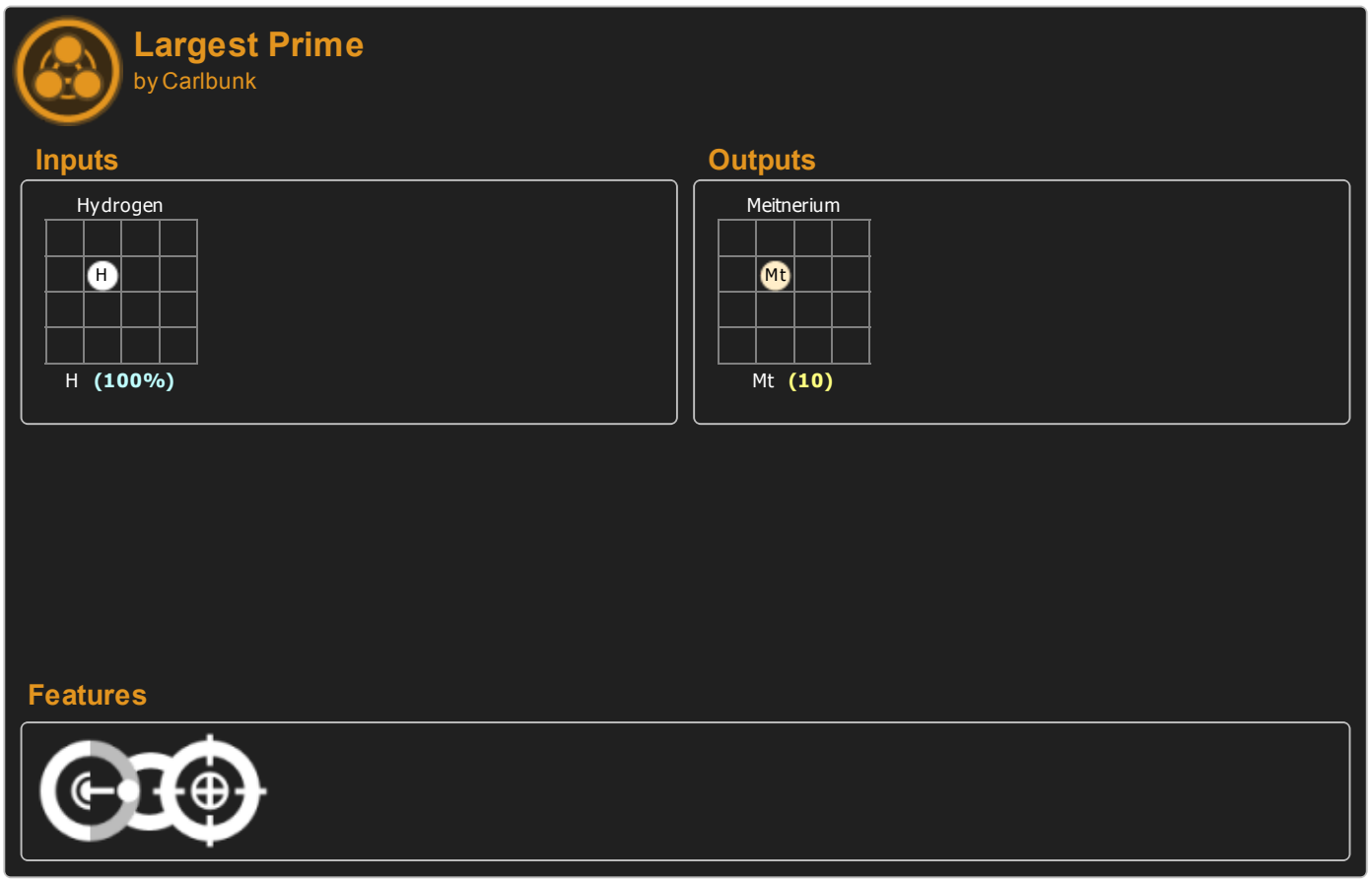
Kr **(10)**

Silica



SiO_2 **(10)**

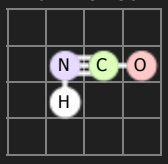
Buildings


Largest Prime
by Carlbunk
Inputs
Hydrogen
H
H (100%)
Outputs
Meitnerium
Mt
Mt (10)
Features

Three
by WildM

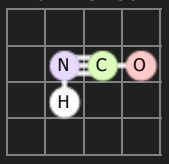
Inputs

Fulminic Acid



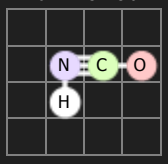
HCNO **(33%)**

Fulminic Acid



HCNO **(33%)**

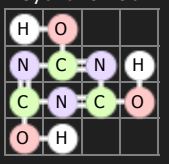
Fulminic Acid



HCNO **(33%)**

Outputs

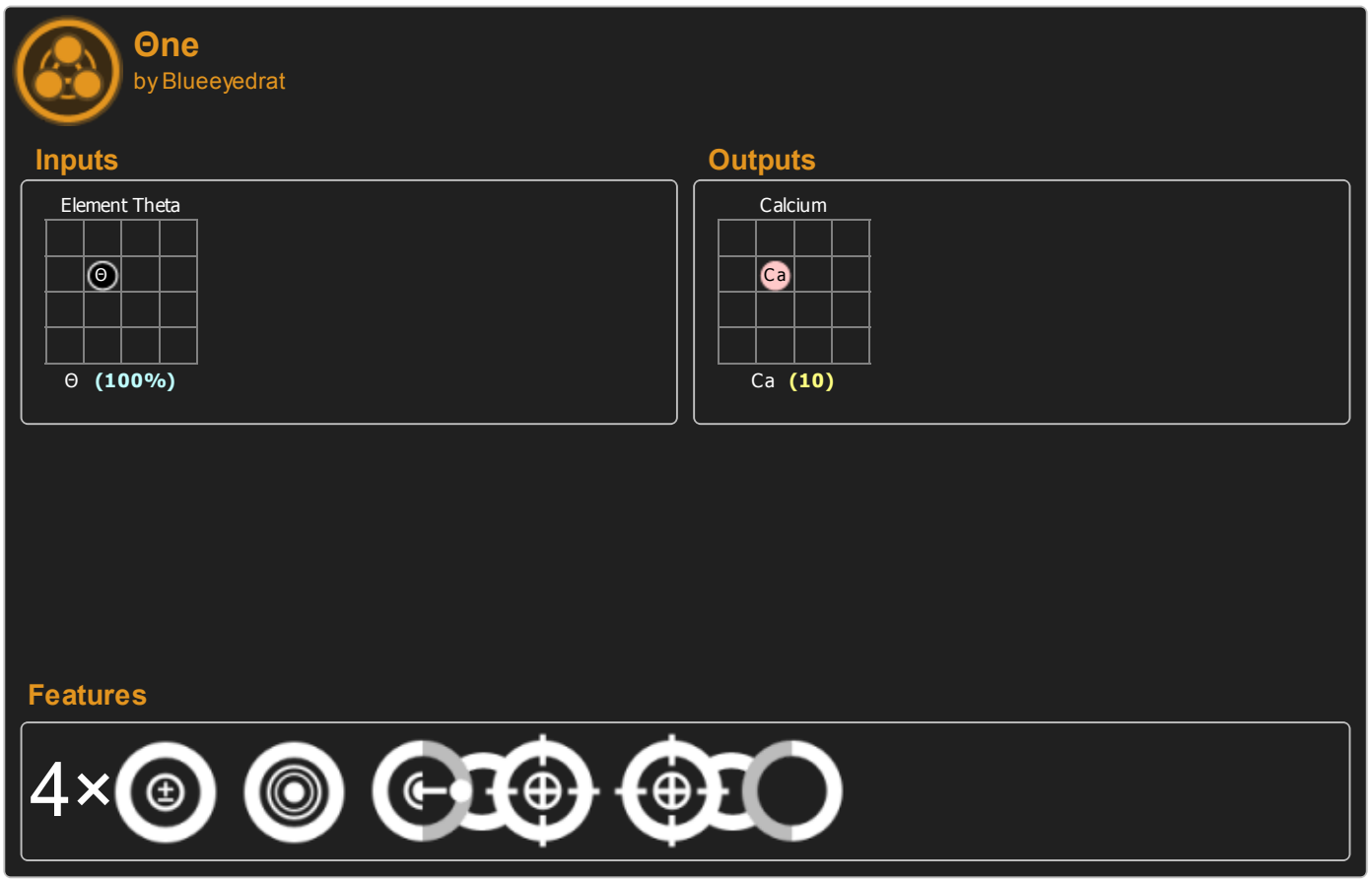
Cyanuric Acid



$C_3H_3N_3O_3$ **(9)**

Features

8×

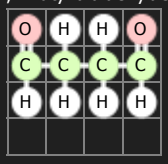

Θne
by Blueeyedrat
Inputs
Element Theta
Θ
Θ (100%)
Outputs
Calcium
Ca
Ca (10)
Features
4×

A Small Push

by Leylite

Inputs

1,4 Butyrdialdehyde

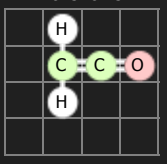


$C_2H_4(COH)_2$

(100%)

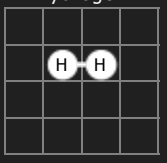
Outputs

Ethenone



CH_2CO **(10)**

Hydrogen



H_2 **(10)**

Features

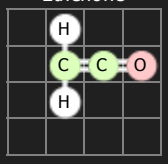
2×

Pushed Together

by Leylite

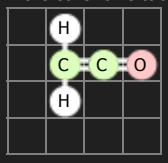
Inputs

Ethenone



CH_2CO **(100%)**

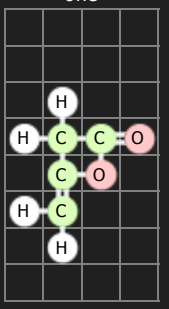
This is ethenone too



CH_2CO **(100%)**

Outputs

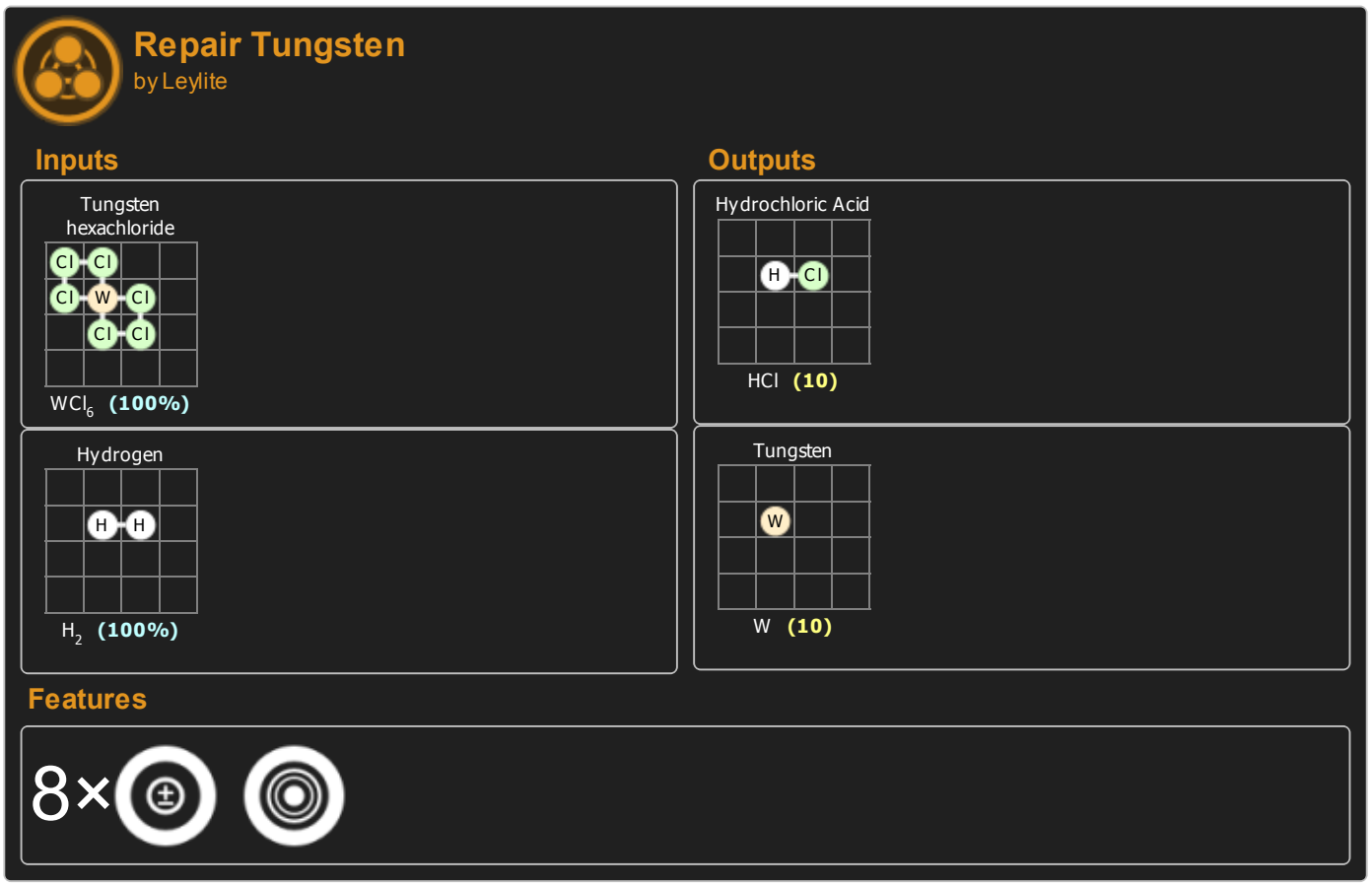
4-methylenoxetan-2-one



$C_4H_2O_2$ **(10)**

Features

2× ±

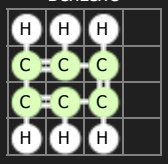

Repair Tungsten
by Leylite
Inputs
Tungsten hexachloride
Cl Cl
Cl W Cl
Cl Cl
WCl_6 (100%)
Hydrogen
H H
H_2 (100%)
Outputs
Hydrochloric Acid
H Cl
HCl (10)
Tungsten
W
W (10)
Features
8×

Shared Space I

by Leylite

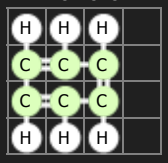
Inputs

Benzene



C_6H_6 **(100%)**

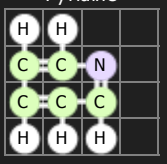
Benzene



C_6H_6 **(100%)**

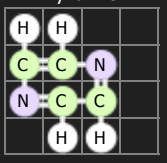
Outputs

Pyridine



C_5H_5N **(10)**

Pyrazine



$C_4H_4N_2$ **(10)**

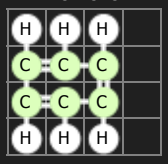
Features

Shared Space II

by Leylite

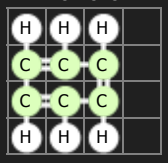
Inputs

Benzene



C_6H_6 **(100%)**

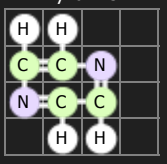
Benzene



C_6H_6 **(100%)**

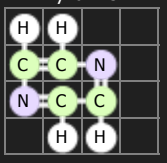
Outputs

Pyrazine



$C_4H_4N_2$ **(10)**

Pyrazine



$C_4H_4N_2$ **(10)**

Features

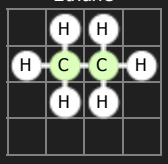
8×

Taking Turns

by Leylite

Inputs

Ethane



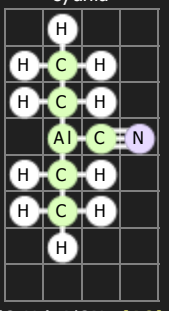
C_2H_6 **(100%)**

Cyanogen

$(CN)_2$ **(100%)**

Outputs

Diethylaluminum cyanid



$(C_2H_5)_2AlCN$ **(10)**

Features

4×

How Ionic

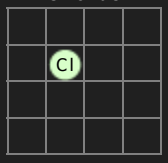
by WildM

Inputs

Auric Ion

Au^{3+} **(100%)**

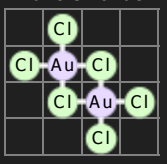
Chloride



Cl^- **(100%)**

Outputs

Auric Chloride



Au_2Cl_6 **(10)**

Features

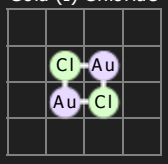
4×

Two by Two

by Blueeyedrat

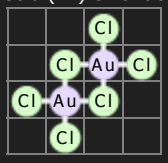
Inputs

Gold (I) Chloride



$(AuCl)_2$ **(100%)**

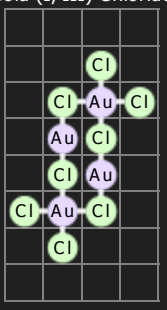
Gold (III) Chloride



$(AuCl_3)_2$ **(100%)**

Outputs

Gold (I, III) Chloride



$(Au_2Cl_4)_2$ **(10)**

Features

2×

The Gold Standard

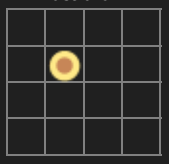
by Blueeyedrat

Inputs

Gold

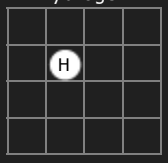
Au (50%)

Australium



Au (50%)

Hydrogen



H (100%)

Outputs

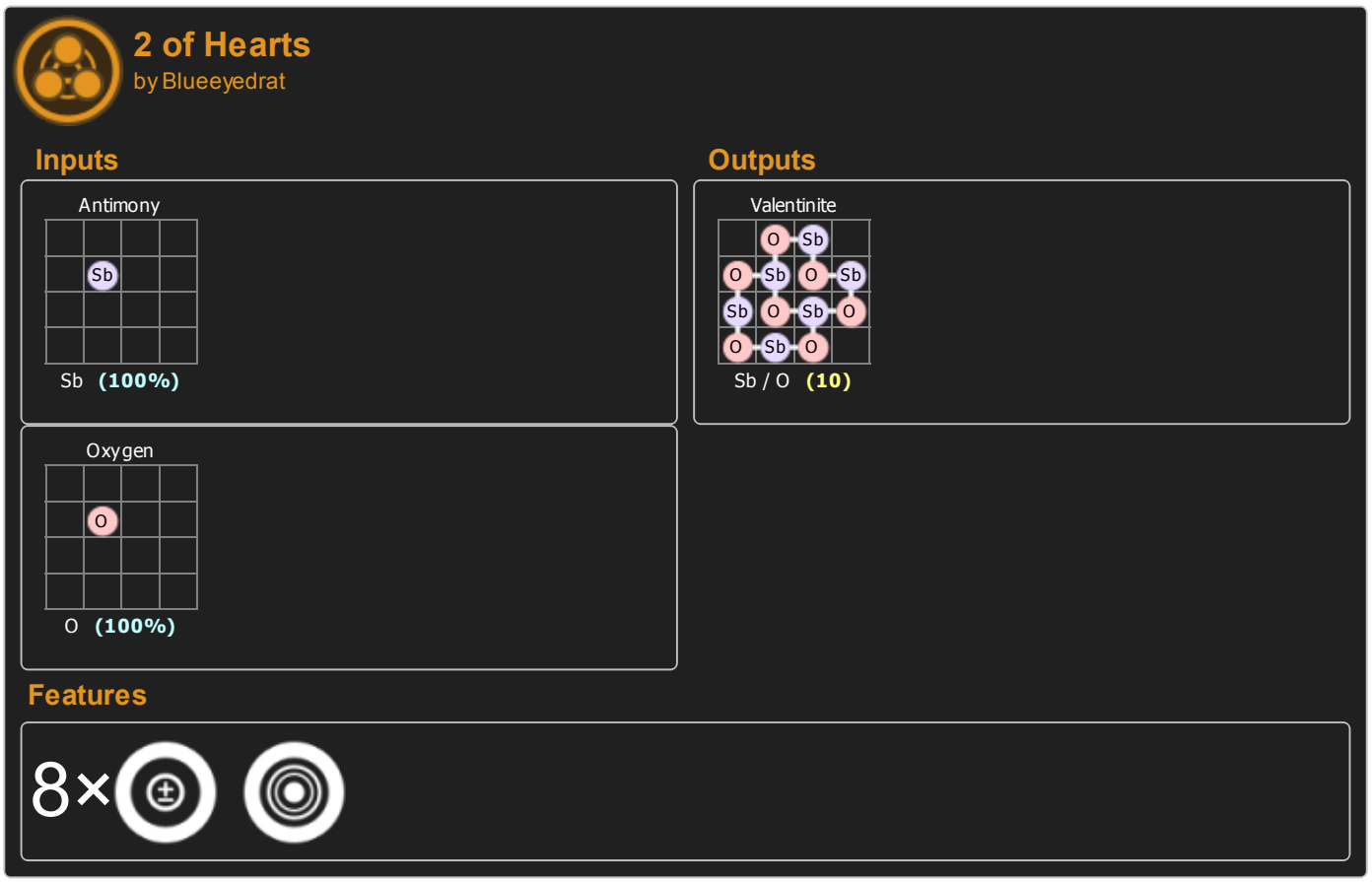
Gold

Au (10)

Australium

Au (10)

Features

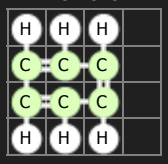

2 of Hearts
by Blueeyedrat
Inputs
Antimony
Sb
Sb (100%)
Oxygen
O
O (100%)
Outputs
Valentinite
Sb / O (10)
Features
8×

Miracle Cure

by WildM

Inputs

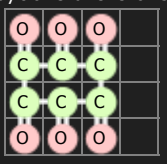
Benzene



C_6H_6 **(100%)**

Outputs

Cyclohexanehexone



C_6O_6 **(10)**

Features

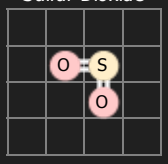
4×

Oxygen Snake

by Janderbuilt

Inputs

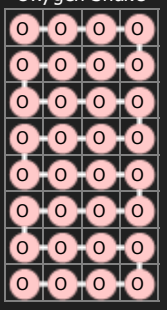
Sulfur Dioxide



SO_2 **(100%)**

Outputs

Oxygen Snake



O_{32} **(10)**

Features

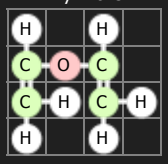
4×

That's a Relief

by Peffern

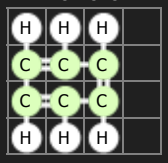
Inputs

Vinyl Ether



C_4H_6O **(100%)**

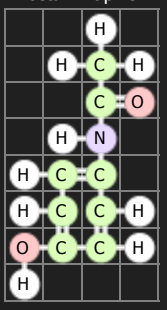
Benzene



C_6H_6 **(100%)**

Outputs

Acetaminophen



$C_8O_2NH_9$ **(10)**

Features

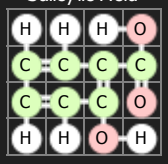
8×

Headaches

by Blueeyedrat

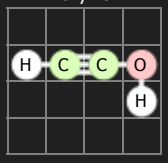
Inputs

Salicylic Acid



$C_7H_6O_3$ **(100%)**

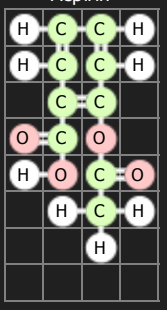
Ethynol



C_2H_2O **(100%)**

Outputs

Aspirin



$C_9H_8O_4$ **(10)**

Features

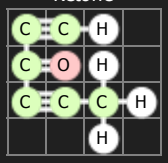
4×

Under the Counter

by Lanky/cearn/WildM

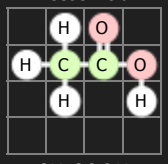
Inputs

Ethynyl Propynl Ketone



C_6H_4O **(100%)**

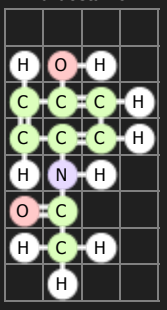
Acetic Acid



CH_3COOH
(100%)

Outputs

Paracetamol



$C_8H_9NO_2$ **(10)**

Features

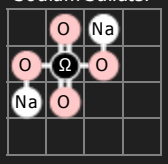
8×

A New Beginning

by Lanky

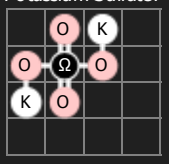
Inputs

Sodium Sulfate?



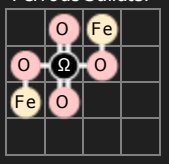
$Na_2ΩO_4$ **(16%)**

Potassium Sulfate?



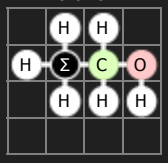
$K_2ΩO_4$ **(16%)**

Ferrous Sulfate?



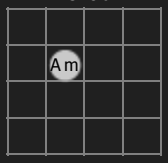
$Fe_2ΩO_4$ **(66%)**

Ethanol?



$CΣOH_6$ **(100%)**

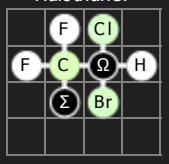
Americium



Am **(100%)**

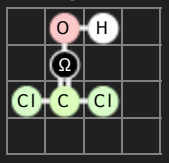
Outputs

Halothane?



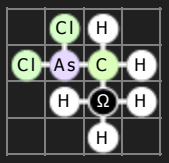
$CΩClHBrF_2Σ$ **(10)**

CX?



$Cl_2CΩOH$ **(10)**

ED?



$ΩH_3CH_2AsCl_2$ **(10)**

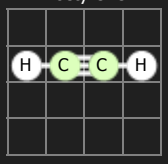
Buildings

Discombobulate

by Lanky

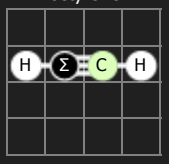
Inputs

Acetylene



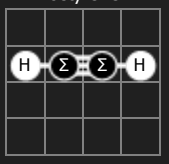
C_2H_2 **(33%)**

Acetylene?



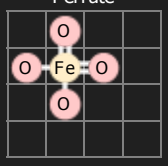
$C\Sigma H_2$ **(33%)**

Acetylene?



Σ_2H_2 **(33%)**

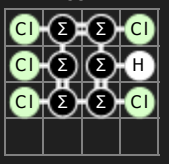
Ferrate



FeO_4 **(100%)**

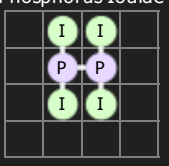
Outputs

PeCB?



Σ_6HCl_5 **(10)**

Phosphorus Iodide



P_2I_4 **(10)**

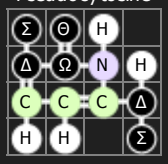
Buildings

Magnum Opus

by Blueeyedrat

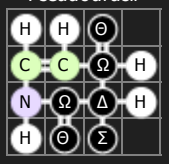
Inputs

Pseudocytosine



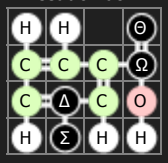
$C_4H_5N_3O$? **(50%)**

Pseudouracil



$C_4H_4N_2O_2$? **(50%)**

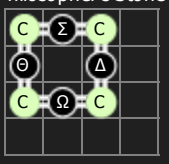
Pseudoniacin



$C_6H_5NO_2$?
(100%)

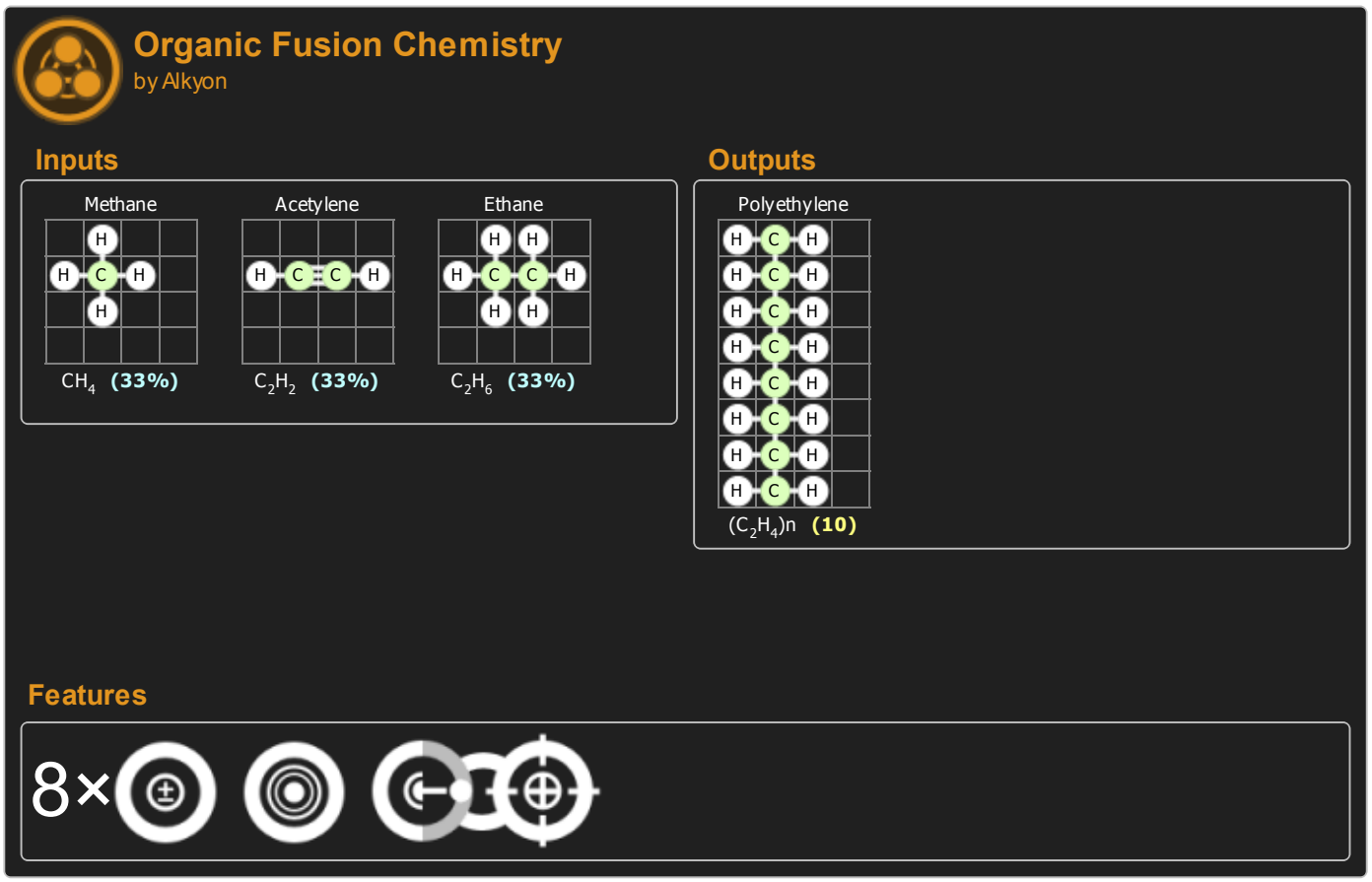
Outputs

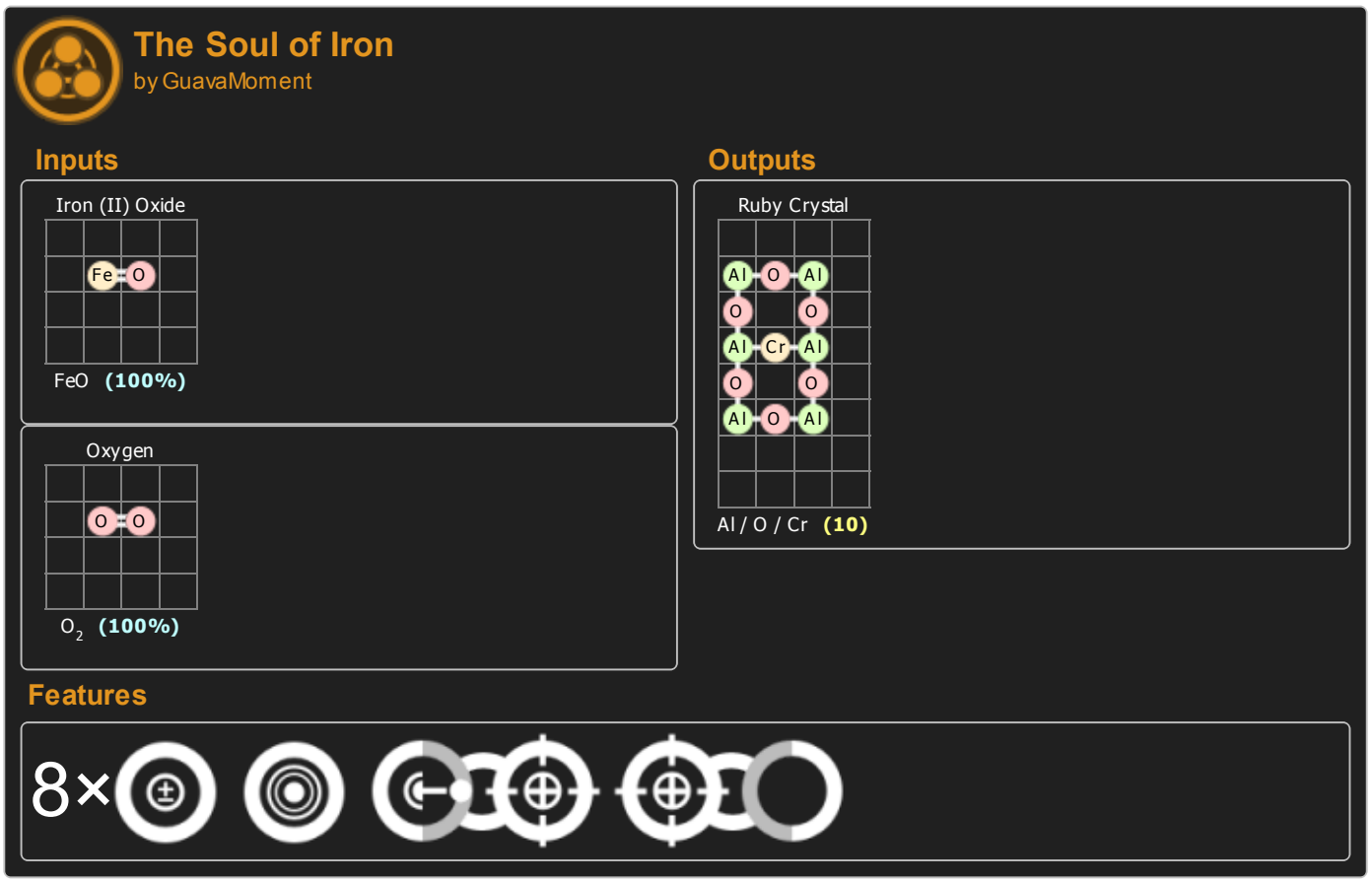
Philosopher's Stone



$\Omega\Theta\Sigma\Delta C_4$ **(10)**

Buildings


Organic Fusion Chemistry
by Alkyon
Inputs
Methane
Acetylene
Ethane
CH4 (33%)
C2H2 (33%)
C2H6 (33%)
Outputs
Polyethylene
(C2H4)n (10)
Features
8×

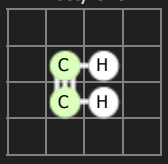

The Soul of Iron
by GuavaMoment
Inputs
Iron (II) Oxide
Fe O
FeO (100%)
Oxygen
O O
O2 (100%)
Outputs
Ruby Crystal
Al O Al
O O
Al Cr Al
O O
Al O Al
Al / O / Cr (10)
Features
8×

Serbalcide

by Lanky

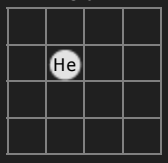
Inputs

Acetylene



C_2H_2 **(100%)**

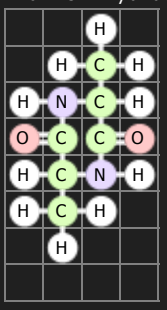
Helium



He **(100%)**

Outputs

dl-Alanine Anhydride



$C_6H_{10}N_2O_2$ **(10)**

Features

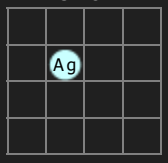
8×

Precious Tears

by WildM

Inputs

Silver



Ag **(100%)**

Outputs

1-Sulfinylpropene

C_3H_6OS **(10)**

Buildings

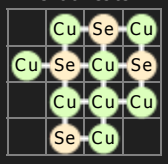


Desperate Measures

by Leylite

Inputs

Crookesite

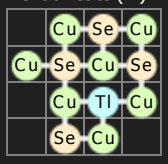


Cu_8Se_4 **(33%)**

Crookesite (Ag)

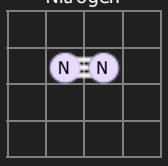
$AgCu_7Se_4$ **(33%)**

Crookesite (Tl)



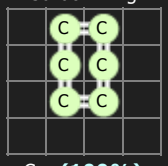
$TlCu_7Se_4$ **(33%)**

Nitrogen



N_2 **(100%)**

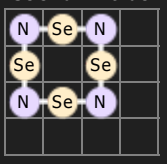
Carbon Ring



C_6 **(100%)**

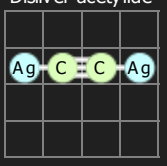
Outputs

Selenium nitride



Se_4N_4 **(10)**

Disilver acetylide



Ag_2C_2 **(10)**

Dithallium acetylide

Tl_2C_2 **(10)**

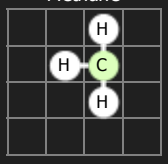
Buildings

Hydrocarbon Stitch

by DeMatt

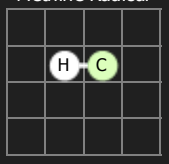
Inputs

Methane



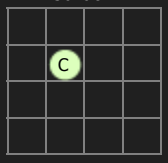
CH_3 **(50%)**

Methine Radical



CH **(50%)**

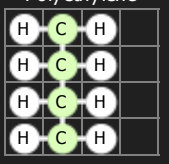
Carbon



C **(100%)**

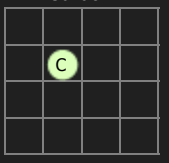
Outputs

Polyethylene



$(C_2H_4)n$ **(10)**

Carbon



C **(10)**

Features

4×