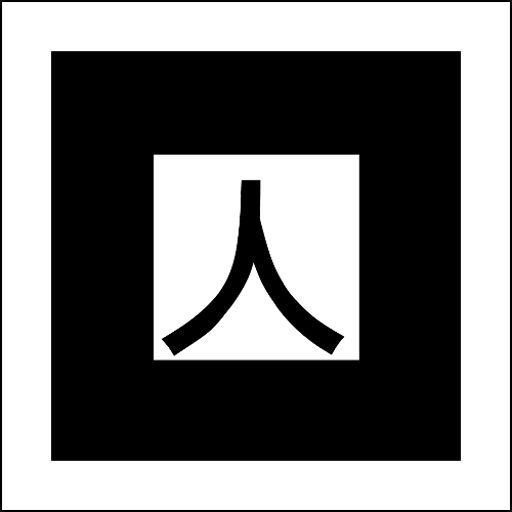
H2 )





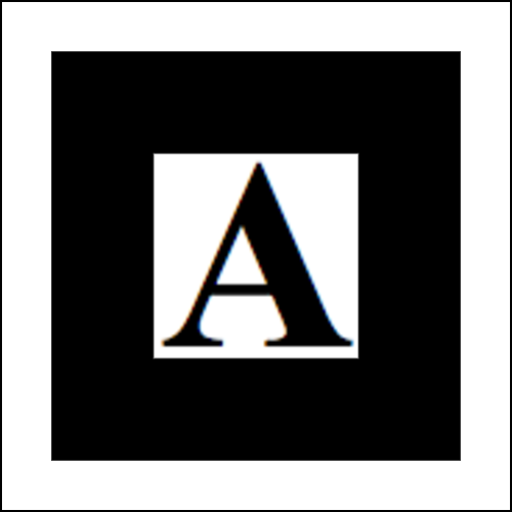


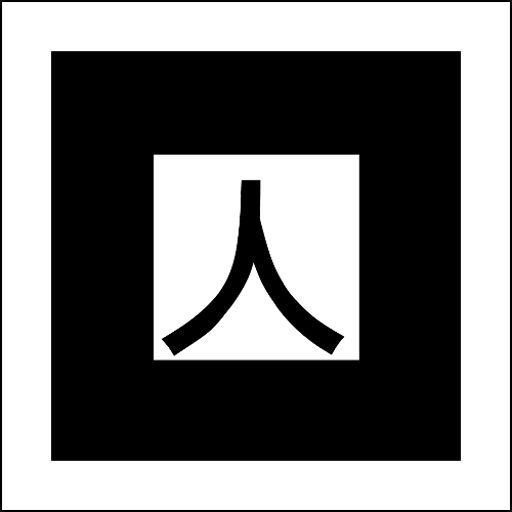
H2





Co

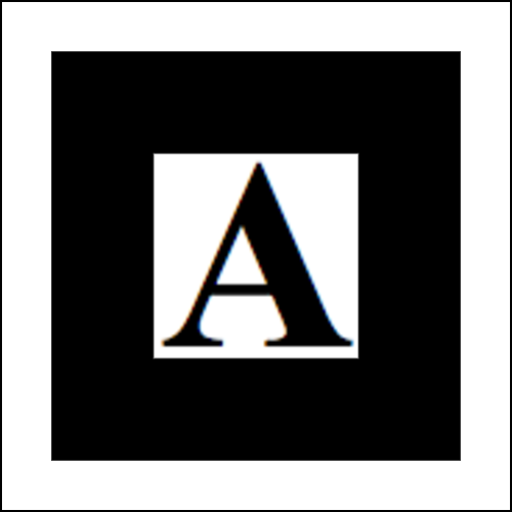




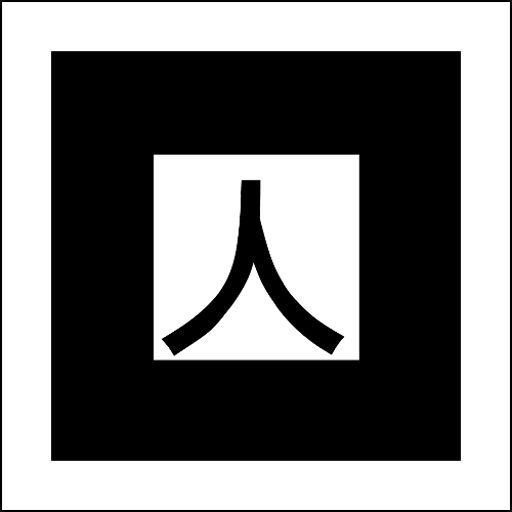
Hydrogen



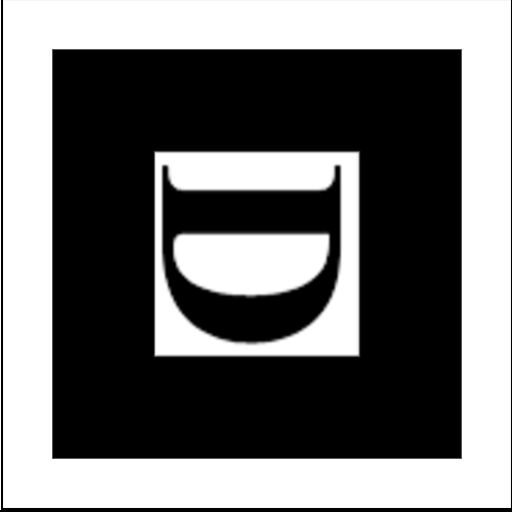
Carmorn



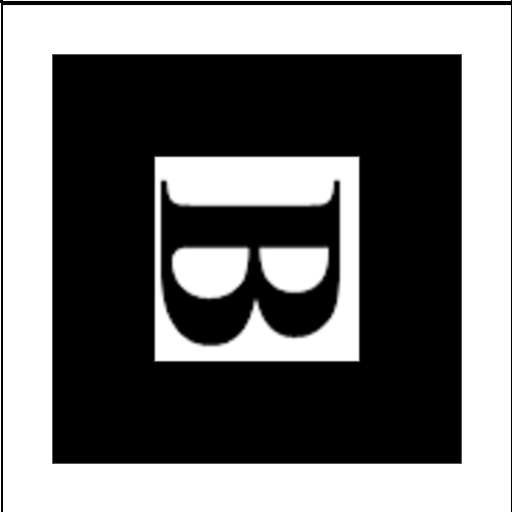
Oxygen



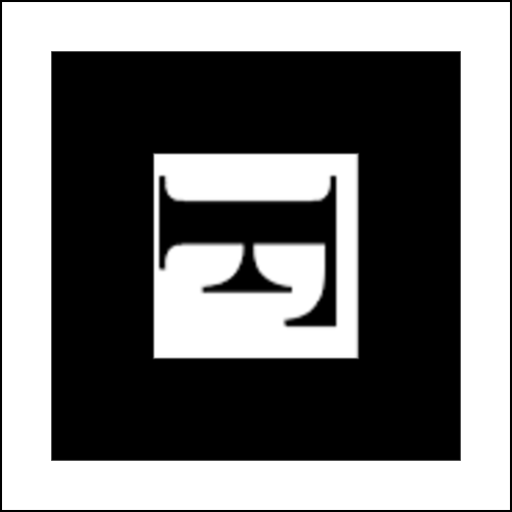
Chlorine



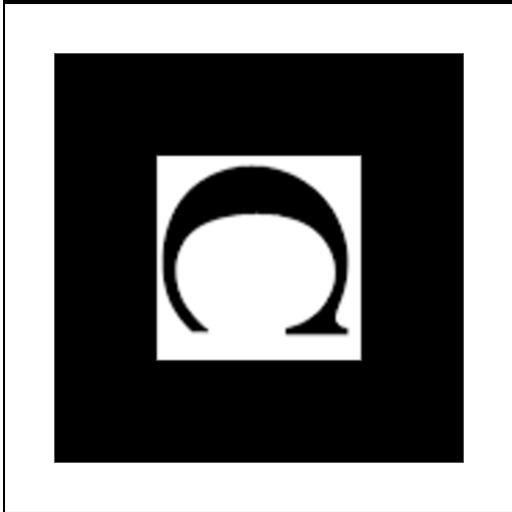
Nitrogen



Iron : Fe



Sodium



**H₂ (Hydrogen Gas)**

* **Formula**: H₂
* **Components**: 2 Hydrogen (H)
* **Description**: The lightest gas and most abundant element in the universe.

**O₂ (Oxygen Gas)**

* **Formula**: O₂
* **Components**: 2 Oxygen (O)
* **Description**: Essential for respiration and combustion. Makes up about 21% of Earth's atmosphere.

**N₂ (Nitrogen Gas)**

* **Formula**: N₂
* **Components**: 2 Nitrogen (N)
* **Description**: The most abundant gas in Earth's atmosphere (78%). Used in many industrial applications.

**CO (Carbon Monoxide)**

* **Formula**: CO
* **Components**: 1 Carbon (C), 1 Oxygen (O)
* **Description**: Toxic gas produced by incomplete combustion of carbon-containing compounds.

**NO (Nitric Oxide)**

* **Formula**: NO
* **Components**: 1 Nitrogen (N), 1 Oxygen (O)
* **Description**: Signaling molecule in the body and an atmospheric pollutant.

**H₂O (Water)**

* **Formula**: H₂O
* **Components**: 2 Hydrogen (H), 1 Oxygen (O)
* **Description**: Essential for all known forms of life. Covers about 71% of Earth's surface.

**NaCl (Sodium Chloride)**

* **Formula**: NaCl
* **Components**: 1 Sodium (Na), 1 Chlorine (Cl)
* **Description**: Common table salt used in cooking and food preservation.

**CO₂ (Carbon Dioxide)**

* **Formula**: CO₂
* **Components**: 1 Carbon (C), 2 Oxygen (O)
* **Description**: Greenhouse gas produced by respiration and combustion of carbon-based fuels.

**NH₃ (Ammonia)**

* **Formula**: NH₃
* **Components**: 1 Nitrogen (N), 3 Hydrogen (H)
* **Description**: Pungent gas used in fertilizers and cleaning products.

**CH₄ (Methane)**

* **Formula**: CH₄
* **Components**: 1 Carbon (C), 4 Hydrogen (H)
* **Description**: Simplest hydrocarbon and main component of natural gas.

**FeO (Iron(II) Oxide)**

* **Formula**: FeO
* **Components**: 1 Iron (Fe), 1 Oxygen (O)
* **Description**: Black powder used in pigments and as a precursor for other iron compounds.

**NaOH (Sodium Hydroxide)**

* **Formula**: NaOH
* **Components**: 1 Sodium (Na), 1 Oxygen (O), 1 Hydrogen (H)
* **Description**: Highly caustic base used in many industries, also known as lye or caustic soda.

**Fe₂O₃ (Iron(III) Oxide)**

* **Formula**: Fe₂O₃
* **Components**: 2 Iron (Fe), 3 Oxygen (O)
* **Description**: Common rust, used in polishing compounds and as a pigment.

**H₂O₂ (Hydrogen Peroxide)**

* **Formula**: H₂O₂
* **Components**: 2 Hydrogen (H), 2 Oxygen (O)
* **Description**: Pale blue liquid used as a bleaching agent, disinfectant, and oxidizer.