

Element cards for Part 1

<p style="text-align: center;">H Hydrogen</p> <p>Atomic mass: 1.008 Description: odorless gas, very flammable Compounds: H₂O, HCl</p>	<p style="text-align: center;">Li Lithium</p> <p>Atomic mass: 6.941 Description: soft gray metal, reacts with water Compounds: Li₂O, LiCl</p>
<p style="text-align: center;">Be Beryllium</p> <p>Atomic mass: 9.012 Description: gray metal Compounds: BeO, BeCl₂</p>	<p style="text-align: center;">B Boron</p> <p>Atomic mass: 10.81 Description: gray metalloid, semiconductor Compounds: B₂O₃, BCl₃</p>
<p style="text-align: center;">C Carbon</p> <p>Atomic mass: 12.01 Description: black solid (graphite) or transparent crystal (diamond) Compounds: CO₂, CCl₄</p>	<p style="text-align: center;">N Nitrogen</p> <p>Atomic mass: 14.01 Description: odorless gas, rather unreactive Compounds: NH₃, NCl₃</p>
<p style="text-align: center;">O Oxygen</p> <p>Atomic mass: 16.00 Description: odorless gas, very reactive Compounds: H₂O</p>	<p style="text-align: center;">F Fluorine</p> <p>Atomic mass: 19.00 Description: yellowish gas, extremely reactive Compounds: HF, NaF, CaF₂</p>

Na

Sodium

Atomic mass: 22.99

Description: soft gray metal, reacts vigorously with water

Compounds: Na_2O , NaCl

Mg

Magnesium

Atomic mass: 24.31

Description: gray metal, flammable

Compounds: MgCl_2 , MgO

Al

Aluminum

Atomic mass: 26.98

Description: silvery metal

Compounds: AlCl_3 , Al_2O_3

Si

Silicon

Atomic mass: 28.09

Description: gray metalloid, semiconductor

Compounds: SiCl_4 , SiO_2

P

Phosphorus

Atomic mass: 30.97

Description: white, red, or black solid, spontaneously flammable

Compounds: PH_3 , PCl_3 , PCl_5

S

Sulfur

Atomic mass: 32.07

Description: yellow solid powder

Compounds: H_2S , SCl_2

Cl

Chlorine

Atomic mass: 35.45

Description: greenish gas, extremely reactive

Compounds: HCl , NaCl , CaCl_2

K

Potassium

Atomic mass: 39.10

Description: soft gray metal, reacts violently with water

Compounds: K_2O , KCl

<p style="text-align: center;">Ca Calcium</p> <p>Atomic mass: 40.08 Description: hard silvery metal, flammable Compounds: CaCl₂, CaO</p>	<p style="text-align: center;">As Arsenic</p> <p>Atomic mass: 74.92 Description: gray metalloid Compounds: AsH₃, AsCl₃, AsCl₅</p>
<p style="text-align: center;">Se Selenium</p> <p>Atomic mass: 78.96 Description: gray or red solid Compounds: H₂Se, SeCl₂</p>	<p style="text-align: center;">Br Bromine</p> <p>Atomic mass: 79.90 Description: red-orange liquid, very reactive Compounds: HBr, NaBr, CaBr₂</p>
<p style="text-align: center;">Rb Rubidium</p> <p>Atomic mass: 85.47 Description: soft gray metal, reacts violently with water Compounds: Rb₂O, RbCl</p>	<p style="text-align: center;">Sr Strontium</p> <p>Atomic mass: 87.62 Description: soft silvery metal Compounds: SrCl₂, SrO</p>
<p style="text-align: center;">In Indium</p> <p>Atomic mass: 114.8 Description: soft silvery metal Compounds: InCl₃, In₂O₃</p>	<p style="text-align: center;">Sn Tin</p> <p>Atomic mass: 118.7 Description: silvery-white metal Compounds: SnO₂, SnCl₄</p>

<p style="text-align: center;">Sb</p> <p>Antimony</p> <p>Atomic mass: 121.8</p> <p>Description: bluish-white metalloid, semiconductor</p> <p>Compounds: SbH_3, SbCl_3, SbCl_5</p>	<p style="text-align: center;">Te</p> <p>Tellurium</p> <p>Atomic mass: 127.6</p> <p>Description: silvery-white metalloid, semiconductor</p> <p>Compounds: H_2Te, TeCl_2</p>
<p style="text-align: center;">I</p> <p style="text-align: center;">Iodine</p> <p>Atomic mass: 126.9</p> <p>Description: dark-purple solid, reactive</p> <p>Compounds: HI, NaI, CaI_2</p>	

Element cards for Part 2

<p style="text-align: center;">Ge</p> <p>Germanium</p> <p>Atomic mass: 72.59</p> <p>Description: gray metalloid, semiconductor</p> <p>Compounds: GeO_2, GeCl_4</p>	<p style="text-align: center;">Ga</p> <p>Gallium</p> <p>Atomic mass: 69.72</p> <p>Description: silvery metal, melts at just above room temperature</p> <p>Compounds: GaCl_3, Ga_2O_3</p>
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Element cards for Part 3

<p>He Helium</p> <p>Atomic mass: 4.003 Description: odorless gas, very unreactive Compounds: none known</p>	<p>Ne Neon</p> <p>Atomic mass: 20.18 Description: odorless gas, very unreactive Compounds: none known</p>
<p>Ar Argon</p> <p>Atomic mass: 39.95 Description: odorless gas, very unreactive Compounds: none known</p>	<p>Kr Krypton</p> <p>Atomic mass: 83.80 Description: odorless gas, very unreactive Compounds: none known</p>
<p>Xe Xenon</p> <p>Atomic mass: 131.3 Description: odorless gas, very unreactive Compounds: XeF₆, XeF₄</p>	