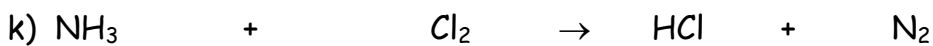
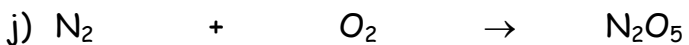
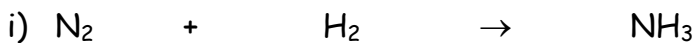
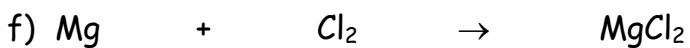
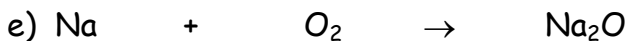
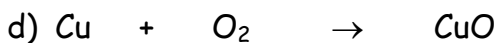
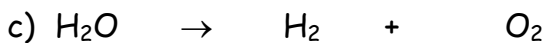
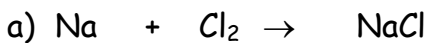
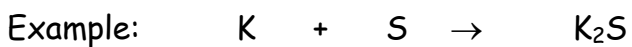


Name: _____

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Chemical Equations

1. Balance the following equations.



2. Represent each of the following reactions with a chemical equation and then balance the equation.

Example: Hydrogen gas (H_2) reacts with oxygen gas (O_2) to form water.

a) Copper(Cu) reacts with oxygen (O_2) to produce copper oxide (CuO)

b) Zinc (Zn) reacts with hydrochloric acid (HCl) to produce zinc chloride ($ZnCl_2$) and hydrogen gas (H_2).

c) Sodium (Na) reacts with water to form sodium hydroxide (NaOH) and hydrogen gas (H_2).

d) Hydrochloric acid (HCl) reacts with potassium hydroxide (KOH) to form potassium chloride (KCl) and water.

e) Methane (CH_4) is burned in the presence of oxygen (O_2) to produce carbon dioxide (CO_2) and water,

f) Propane (C_3H_8) reacts with oxygen gas (O_2) to produce carbon dioxide gas (CO_2) and water.