Assumption College Ubonratchathani
English for Science 3

Name:..... Class:..... No. .....

Balancing Chemical Equations
Word Equations
(สมดุลสมการเคมี)



Balance the following chemical equations.

1. Aluminum Bromide and Chlorine gas react to form Aluminum Chloride and Bromine gas.

   ____$AlBr_3$ + ____Cl_2 → ____$AlCl_3$ + ____Br_2

2. Potassium metal and Chlorine gas combine to form Potassium Chloride.

   ____K + ____Cl_2 → ____KCl

3. Aluminum metal and Copper Chloride react to form Aluminum Chloride and Copper.

   ____Al + ____$CuCl_2$ → ____$AlCl_3$ + ____Cu

4. Copper metal and Sulfuric acid react to form Copper Sulphate and Water and Sulfur Dioxide.

   ____Cu + ____H_2SO_4 → ____$CuSO_4$ + ____H_2O + ____SO_2

5. Hydrogen gas and Nitrogen Monoxide react to form Water and Nitrogen gas.

   ____H_2 + ____NO → ____H_2O + ____N_2

6. Potassium Chlorate decomposes to form Potassium Chloride and Oxygen gas.

   ____$KClO_3$ → ____KCl + ____O_2

7. Phosphorus and Oxygen gas react to form Phosphorus Pentoxide.

   ____P + ____O_2 → ____P_2O_5

LIVEWORKSHEETS

8. Propane and Oxygen gas react to form Carbon Dioxide and Water.

____C_3H_8 + ____O_2 → ____CO_2 + ____H_2O

9. Butane and Oxygen gas react to form Carbon Dioxide and Water.

____C_4H_{10} + ____O_2 → ____CO_2 + ____H_2O

10. Aluminum metal and Hydrochloric acid react to form Aluminum Chloride and Hydrogen gas.

____Al + ____HCl → ____$AlCl_3$ + ____H_2

LIVEWORKSHEETS