

Reactions of Metals Exit Quiz - Student Edition

MULTIPLE CHOICE – Select the best answer

1. When lithium is added to water, which of the following will occur?
 - a) Formation of lithium oxide
 - b) Formation of lithium hydride + oxygen
 - c) Formation of lithium hydroxide + hydrogen
 - d) No reaction

2. Which of the following metals shows no reaction with oxygen, water, or acid?
 - a) Ag
 - b) Hg
 - c) Mg
 - d) Pb

3. When magnesium metal is burnt in air, which product forms?
 - a) Magnesium powder
 - b) Magnesium oxide
 - c) Magnesium gas
 - d) Magnesium hydroxide

4. Name the gas produced when a metal reacts with hydrochloric acid or water.
 - a) Oxygen
 - b) Carbon dioxide
 - c) Chlorine
 - d) Hydrogen

5. Which of the following reactants is needed to form a metal hydroxide?
 - a) Oxygen gas
 - b) Hydrogen gas
 - c) Water
 - d) Hydrochloric acid

