

Name: _____ Period: _____ Date: _____

Neutralization Bell Work – Student Edition

MULTIPLE CHOICE – Select the best answer

1. Complete the word equation below:

Hydrochloric acid + Calcium hydroxide → _____ + _____

- a) Calcium chloride, hydrogen
- b) Calcium, water
- c) Calcium chloride, water
- d) Calcium, hydrogen chloride



2. Name the acid used in the reaction below:

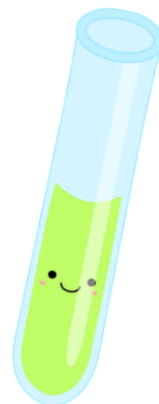
_____ + *Calcium carbonate* → *Calcium sulfate + Water + Carbon dioxide*

- a) Carbonic acid
- b) Sulfuric acid
- c) Hydrochloric acid
- d) Calcium sulfate

3. Identify the gas produced in the equation below:

Hydrochloric acid + Zinc → *Zinc chloride* + _____

- a) Oxygen gas
- b) Chlorine gas
- c) Carbon dioxide
- d) Hydrogen gas



4. Which of the following is not a neutralization reaction?

- a) Sodium + Hydrochloric acid → Sodium chloride + Hydrogen
- b) Calcium oxide + Sulfuric acid → Calcium sulfate + Water
- c) Lithium carbonate + Hydrochloric acid → Lithium chloride + Carbon dioxide + Water
- d) Sodium hydroxide + Nitric acid → Sodium nitrate + Water