

Name _____

Date _____

Elephant Toothpaste Pre-Demonstration Quiz

1. What is characteristic of any compound that contains peroxide?
 - a. It contains oxygen-oxygen bond
 - b. It contains a hydrogen-oxygen bond
 - c. It contains single oxygen
 - d. It contains a hydrogen-hydrogen bond
 - e. It is exceptionally stable

2. Hydrogen peroxide decomposes into
 - a. Oxygen gas and hydrogen gas
 - b. Oxygen gas and water
 - c. Hydrogen gas and water
 - d. Water only
 - e. Three different products

3. A kind of chemical reaction in which one substance breaks apart to form two or more substances is known as a
 - a. Combination reaction
 - b. Single replacement reaction
 - c. Double replacement reaction
 - d. Decomposition reaction
 - e. Splitting reaction

4. Decomposition in a sense of chemical reaction means
 - a. Combining
 - b. Smelling
 - c. Breaking apart
 - d. Turning sour
 - e. Digesting

5. A gas
 - a. Occupies more volume than the liquid from which it is formed
 - b. Is lighter than the same amount of solid
 - c. Can exist only at temperature above room temperature
 - d. Wants to fill the entire room if the bottle it is in is opened
 - e. Can foam if the detergent is present