

Assessment 1**Chapter Test B****Chapter: Chemical Equations and Reactions**

Part 1 In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

- _____ 1. The production of a slightly soluble solid compound in a double-displacement reaction is called the formation of a
a. gas.
b. precipitate.
c. combustion reaction.
d. halogen.
- _____ 2. To balance a chemical equation, it is permissible to adjust the
a. coefficients.
b. subscripts.
c. formulae of the products.
d. number of products.
- _____ 3. In a chemical equation, the symbol (aq) indicates that the substance is
a. melted.
b. dissolved in water.
c. an acid.
d. insoluble.
- _____ 4. The tendency for a replacement reaction to occur depends on the
a. difference between any two elements in the activity series themselves.
b. temperature difference.
c. valence electrons and mass of.
d. difference between any two elements in the activity series themselves.
- _____ 5. The coefficients in a chemical equation
a. indicate the number of moles of each substance that react.
b. show the number of grams of each substance that react.
c. are the molar masses of the substances.
d. show the valence electrons for each atom.
- _____ 6. If metal X is more reactive than metal Y in the activity series, then
a. X will replace ions of Y in solution.
b. Y will replace ions of X in solution.
c. Y will react oxidize only indirectly.
d. X will react with cold water.

Holt Chemistry Reaction Rate Section Review Answer

Clemens Wendtner

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

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