

Chemical Reactions Worksheet

Directions: Balance the following chemical reactions using the given information. In addition, classify each chemical reaction. Answers appear immediately following the problems.

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1. Hypochlorous acid decomposes into water and dichlorine monoxide.

Reaction classification: _____

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2. Acetic acid is burned.

Reaction classification: _____

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3. Solid magnesium fluoride appears upon mixing magnesium chloride and sodium fluoride.

Reaction classification: _____

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4. Phosphorus (P_4) and oxygen produce tetraphosphorus decaoxide.

Reaction classification: _____

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5. Calcium and hydrochloric acid create a gas. Identify the gas through the balanced equation.

Reaction classification: _____

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6. Calcium hydroxide is added to phosphoric acid.

Reaction classification: _____