

Chemical Reactions Quiz

Instructions: For each of the following reactions, identify the reactants and products.

- Baking soda plus vinegar react to produce carbon dioxide gas, water, and sodium acetate.

Reactants: _____

Products: _____

- Iron reacts with oxygen to form iron(III) oxide (rust).

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Products: : _____

- Hydrogen gas combined with oxygen gas results in the formation of water.

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- Carbon dioxide and water, in the presence of sunlight and chlorophyll, react to form glucose and oxygen in plants (photosynthesis).

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