

Name: _____

Date: _____

Reaction Types

What Are Reaction Types?

Reaction types are _____ that we can sort _____ reactions into. There are ____ primary reaction types:

Synthesis:

- When two reactants come together to form one product

Decomposition:

- When one reactant breaks down into two or more products

Single Replacement:

- When part of one of the reactants moves to the other reactant

Double Replacement:

- When both halves of the reactants switch forming two new products

Combustion:

- When a hydrocarbon reacts with oxygen to produce carbon dioxide and water

Examples:

Identify the following reaction types:

