Types of Chemical Reactions Worksheet

Name: ID:

Directions: Which type of chemical reaction is each of these? Use these terms:

Synthesis Decomposition Single Displacement Double Displacement Combustion

- $\mathbf{3} \quad \mathbf{K} + \mathbf{H}_2\mathbf{O} \to \mathbf{KOH} + \mathbf{H}_2$

- 7 + + -

- Two or more substances form a new substance
- One substance breaks down into two or more simpler substances
- One element replaces another element in a compound
- Two compounds are combined and switch partners
- Burning results in water and carbon dioxide
- $A + B \rightarrow AB$
- $\mathbf{AB} \to \mathbf{A} + \mathbf{B}$
- $AB + CD \rightarrow AD + CB$
- $AB + C \rightarrow AC + B$