Skill Practice 36

*More Chemical Reactions*

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: \_\_\_\_\_

Double Replacement Reactions

1. Write the reaction for each of the following reactions:
   1. Iron(II) phosphate reacts with sodium chloride to produce iron(II) chloride and sodium phosphate.
   2. Calcium carbonate reacts with lithium hydroxide to produce calcium hydroxide and lithium carbonate.
2. Complete the following reactions:
   1. Mg(NO3)2 + Al(C2H3O2)3 🡪
   2. Ba(OH)2 + Na3PO4 🡪

Combustion Reactions

1. Write the combustion reactions for the following compounds.
   1. C2H4
   2. C8H16

Synthesis and Decomposition Reactions

1. Write an equation for the decomposition of potassium bromide.
2. Write an equation for the synthesis of calcium oxide from its elements.