

Chemical Word Equations#3

Write a balanced chemical equation in the box below the following word equations:

1. zinc chromate + iron(III) carbonate -----> zinc carbonate + iron(III) chromate

2. barium hypochlorite + iron(III) carbonate -----> iron(III) hypochlorite + barium carbonate

3. cobalt(II) chlorate -----> cobalt(II) chloride + oxygen

4. copper(I) hydroxide + nickel(II) sulfate -----> nickel(II) hydroxide + copper(I) sulfate

5. sulfuric acid + strontium fluoride -----> strontium sulfate + hydrogen fluoride

6. sodium tartrate + mercury(II) nitrate -----> sodium nitrate + mercury(II) tartrate

7. cadmium + tin(IV) sulfite -----> tin + cadmium sulfite

8. hydrogen + nitrogen -----> ammonia (*hint for formula: be sure to check your acids/bases sheet*)

9. lead(IV) carbonate -----> lead(IV) oxide + carbon dioxide

10. chromium(III) hydroxide -----> chromium(III) oxide + water