Worksheet 13 - Types of Reactions Worksheet

Balance the following reactions and indicate what type of reaction it is.

1. ammonium → nitrogen + hydrogen

balanced equation: ______________________________________________________________________
type of reaction: _____________________

2. sodium + potassium carbonate → sodium carbonate + potassium

balanced equation: ______________________________________________________________________
type of reaction: _____________________

3. calcium + aluminum sulfate → calcium sulfate + aluminum

balanced equation: ______________________________________________________________________
type of reaction: _____________________

4. hydrogen moniodide + ferric hydroxide → ferric iodide + water

balanced equation: ______________________________________________________________________
type of reaction: _____________________

5. magnesium oxide + water → magnesium hydroxide

balanced equation: ______________________________________________________________________
type of reaction: _____________________

6. nickel (III) arsenate + plumbic nitrite → plumbic arsenate + nickel (III) nitrite

balanced equation: ______________________________________________________________________
type of reaction: _____________________

7. auric cyanide + copper → cuprous cyanide + gold

balanced equation: ______________________________________________________________________
type of reaction: _____________________

8. ammonium nitrate → water + dinitrogen monoxide

balanced equation: ______________________________________________________________________
type of reaction: _____________________
9. mercury (I) bicarbonate → mercury (I) carbonate + carbon dioxide + water
   balanced equation: ________________________________
   type of reaction: ___________________________

10. beryllium chloride + oxygen → beryllium chlorate
    balanced equation: ________________________________
    type of reaction: ___________________________

11. iron + cupric arsenate → ferrous arsenate + copper
    balanced equation: ________________________________
    type of reaction: ___________________________

12. copper (II) oxide → copper + oxygen
    balanced equation: ________________________________
    type of reaction: ___________________________

13. magnesium + chlorine → magnesium chloride
    balanced equation: ________________________________
    type of reaction: ___________________________

14. aluminum + hydrogen monochloride → aluminum chloride + hydrogen
    balanced equation: ________________________________
    type of reaction: ___________________________

15. titaniumic phosphate + stannous acetate → stannous phosphate + titaniumic acetate
    balanced equation: ________________________________
    type of reaction: ___________________________

16. cobalt (II) hydroxide + cesium chloride → cesium hydroxide + cobalt (II) chloride
    balanced equation: ________________________________
    type of reaction: ___________________________