Chapter 11 WS Products and Reaction Types

Name: ______ Date: _____

State the type of reaction, predict the products of the reaction to complete the skeleton equation, and balance it to determine the complete chemical reaction:

1)
$$__Ag + __CuSO_4 \rightarrow$$

Type of Reaction:

2)
$$\underline{\hspace{1cm}}$$
 NaI + $\underline{\hspace{1cm}}$ CaCl₂ \rightarrow

Type of Reaction:

3)
$$__O_2 + __H_2 \rightarrow$$

Type of Reaction:

4)
$$\underline{\hspace{1cm}}$$
 HNO₃ + $\underline{\hspace{1cm}}$ Mn(OH)₂ \rightarrow

Type of Reaction:

5)
$$__AgNO_2 + __BaSO_4 \rightarrow$$

Type of Reaction:

6)
$$\underline{\hspace{0.1cm}}$$
 HCN + $\underline{\hspace{0.1cm}}$ CuSO₄ \rightarrow

Type of Reaction:

7)
$$\underline{\hspace{1cm}}$$
 H₂O + $\underline{\hspace{1cm}}$ AgI \rightarrow

Type of Reaction:

8)
$$\underline{\hspace{1cm}}$$
 HNO₃ + $\underline{\hspace{1cm}}$ Fe(OH)₃ \rightarrow

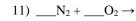
Type of Reaction:

9)
$$\underline{\text{LiBr}} + \underline{\text{Co}(SO_3)_2} \rightarrow$$

Type of Reaction:

10)
$$\underline{\hspace{1cm}}$$
 LiNO₃ + $\underline{\hspace{1cm}}$ Ag \rightarrow

Type of Reaction:



Type of Reaction:

12)
$$__H_2CO_3 \rightarrow$$

Type of Reaction:

13)
$$__AlCl_3 + __Cs \rightarrow$$

Type of Reaction:

14)
$$__Al(NO_3)_3 + __Ga \rightarrow$$

Type of Reaction:

15)
$$\underline{\hspace{1cm}} H_2SO_4 + \underline{\hspace{1cm}} NH_4OH \rightarrow$$

Type of Reaction:

16)
$$\underline{\hspace{1cm}}$$
 CH₃COOH + $\underline{\hspace{1cm}}$ O₂ \rightarrow

Type of Reaction:

17)
$$__C_4H_8 + __O_2 \rightarrow$$

Type of Reaction:

18)
$$\underline{\hspace{1cm}}$$
 KCl + $\underline{\hspace{1cm}}$ Mg(OH)₂ \rightarrow

Type of Reaction:

19)
$$__KOH + __H_2SO_4 \rightarrow$$

Type of Reaction:

20) ___Na₂O
$$\rightarrow$$

Type of Reaction: