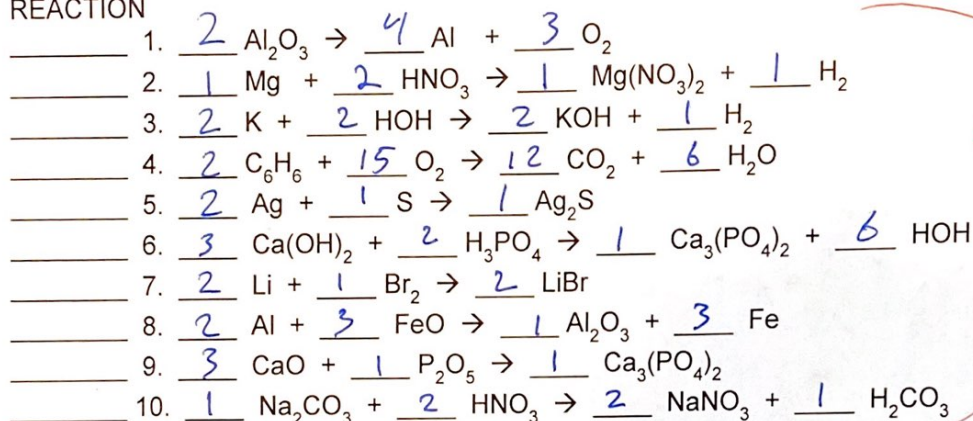


Practice Balancing

Directions : Identify the type of reaction. Balance the following reactions.

TYPE OF REACTION



all coefficients need to be correct

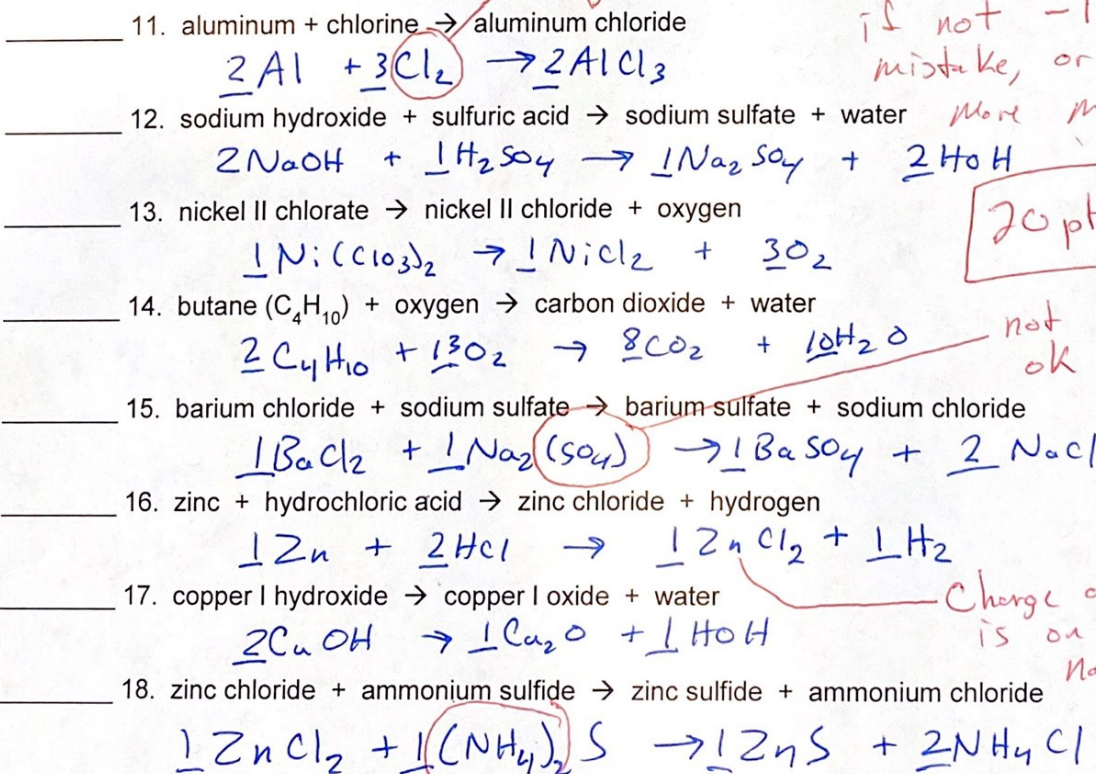
1 pt each

10 possible

30 total  
pt score in Link

Directions : Identify the type of reaction. Write the formulas for the following word equations and then balance each equation.

TYPE OF REACTION



Don't forget Diatomic atoms

If correct 2 pts, if not -1 for 1 mistake, or -2 for more mistakes

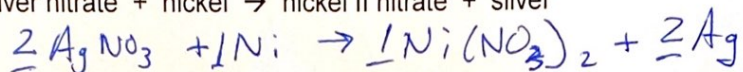
20 pts pass.

not needed, but ok if you have

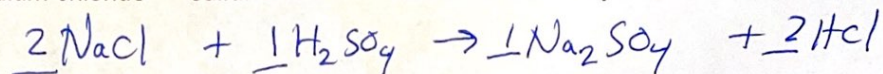
Charge of zinc is on the naming sheet

(S) needed more than one polyatomic

\_\_\_\_\_ 19. silver nitrate + nickel  $\rightarrow$  nickel II nitrate + silver



\_\_\_\_\_ 20. sodium chloride + sulfuric acid  $\rightarrow$  sodium sulfate + hydrogen chloride



**Directions :** Identify the type of reaction. Complete each of the following equations. Use the information in your packet. Balance each equation.

TYPE OF  
REACTION

\_\_\_\_\_ 21. \_\_\_\_\_ Cd + \_\_\_\_\_ S  $\rightarrow$

\_\_\_\_\_ 22. \_\_\_\_\_  $\text{K}_2\text{CO}_3 \rightarrow$

\_\_\_\_\_ 23. \_\_\_\_\_  $\text{Mn}(\text{ClO}_4)_4 \rightarrow$

\_\_\_\_\_ 24. \_\_\_\_\_ Al + \_\_\_\_\_  $\text{Cu}(\text{NO}_3)_2 \rightarrow$

\_\_\_\_\_ 25. \_\_\_\_\_ Na + \_\_\_\_\_ HOH  $\rightarrow$

\_\_\_\_\_ 26. \_\_\_\_\_  $\text{C}_3\text{H}_8 + \text{O}_2 \rightarrow$

\_\_\_\_\_ 27. \_\_\_\_\_  $\text{Cu}(\text{OH})_2 + \text{HC}_2\text{H}_3\text{O}_2 \rightarrow$

\_\_\_\_\_ 28. \_\_\_\_\_  $\text{Al}(\text{OH})_3 \rightarrow$

\_\_\_\_\_ 29. \_\_\_\_\_  $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_4 + \text{Ag}_2\text{S} \rightarrow$

\_\_\_\_\_ 30. \_\_\_\_\_  $\text{Bi}_2\text{O}_3 \rightarrow$

\_\_\_\_\_ 31. \_\_\_\_\_  $\text{FeSO}_4 + \text{NH}_4\text{OH} \rightarrow$

\_\_\_\_\_ 32. \_\_\_\_\_  $\text{CH}_4 + \text{O}_2 \rightarrow$

\_\_\_\_\_ 33. \_\_\_\_\_  $\text{H}_2 + \text{Cl}_2 \rightarrow$

\_\_\_\_\_ 34. \_\_\_\_\_ Cs + \_\_\_\_\_  $\text{H}_2\text{SO}_4 \rightarrow$

\_\_\_\_\_ 35. \_\_\_\_\_  $\text{Cl}_2 + \text{AuI}_3 \rightarrow$