

19. $\text{CaCN}_2 + \text{H}_2\text{O} \rightarrow \text{NH}_3 + \text{CaCO}_3$
20. $\text{Ca} + \text{P} \rightarrow \text{Ca}_3\text{P}_2$
21. $\text{Ca}_3\text{P}_2 + \text{HCl} \rightarrow \text{PH}_3 + \text{CaCl}_2$
22. $\text{C}_3\text{H}_5(\text{NO}_3)_3 \text{ (nitroglycerine)} \rightarrow \text{CO}_2 + \text{N}_2 + \text{O}_2 + \text{H}_2\text{O}$
23. $\text{H}_2\text{SO}_4 + \text{NaCl} \rightarrow \text{Na}_2\text{SO}_4 + \text{HCl}$
24. $\text{C}_{10}\text{H}_8 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
25. $\text{H}_2\text{O} + \text{F}_2 \rightarrow \text{HF} + \text{O}_2$
26. $\text{CuFeS}_2 + \text{O}_2 \rightarrow \text{Cu} + \text{FeO} + \text{SO}_2$
27. $\text{C}_3\text{H}_8 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
28. $\text{Ca}(\text{HCO}_3)_2 \rightarrow \text{CaO} + \text{H}_2\text{O} + \text{CO}_2$
29. $(\text{NH}_4)_2\text{Cr}_2\text{O}_7 \rightarrow \text{N}_2 + \text{H}_2\text{O} + \text{Cr}_2\text{O}_3$
30. $\text{NH}_3 + \text{O}_2 \rightarrow \text{N}_2 + \text{H}_2\text{O}$
31. $\text{H}_2\text{SO}_4 + \text{Fe} \rightarrow \text{Fe}_2(\text{SO}_4)_3 + \text{H}_2\text{SO}_3 + \text{H}_2\text{O}$
32. $\text{H}_2\text{SO}_4 + \text{C} \rightarrow \text{CO}_2 + \text{SO}_2 + \text{H}_2\text{O}$
33. $\text{K}_2\text{Cr}_2\text{O}_7 + \text{KI} + \text{H}_2\text{SO}_4 \rightarrow \text{Cr}_2(\text{SO}_4)_3 + \text{I}_2 + \text{K}_2\text{SO}_4 + \text{H}_2\text{O}$

Name: _____

Date: _____ Hr: _____

Balancing Chemical Equations II

- $\text{Ag}_2\text{O} \rightarrow \text{Ag} + \text{O}_2$
- $\text{Zn} + \text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$
- $\text{NaOH} + \text{H}_2\text{SO}_4 \rightarrow \text{Na}_2\text{SO}_4 + \text{H}_2\text{O}$
- $\text{NaOH} + \text{H}_2\text{SO}_4 \rightarrow \text{NaHSO}_4 + \text{H}_2\text{O}$
- $\text{PCl}_3 + \text{H}_2\text{O} \rightarrow \text{P(OH)}_3 + \text{HCl}$
- $\text{CH}_4 + \text{Cl}_2 \rightarrow \text{CCl}_4 + \text{HCl}$
- $\text{NH}_3 + \text{O}_2 \rightarrow \text{NO} + \text{H}_2\text{O}$
- $\text{NaCl} + \text{H}_2\text{SO}_4 \rightarrow \text{Na}_2\text{SO}_4 + \text{HCl}$
- $\text{C}_2\text{H}_2 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
- $\text{N}_2\text{H}_4 + \text{N}_2\text{O}_4 \rightarrow \text{N}_2 + \text{H}_2\text{O}$
- $(\text{CH}_3)_2\text{N}_2\text{H}_2 + \text{N}_2\text{O}_4 \rightarrow \text{CO}_2 + \text{N}_2 + \text{H}_2\text{O}$
- $\text{KHCO}_3 \rightarrow \text{K}_2\text{O} + \text{H}_2\text{O} + \text{CO}_2$
- $\text{Cr}_2\text{O}_3 + \text{H}_2 \rightarrow \text{Cr} + \text{H}_2\text{O}$
- $\text{Al} + \text{O}_2 \rightarrow \text{Al}_2\text{O}_3$
- $\text{Fe}_2(\text{SO}_4)_3 + \text{BaCl}_2 \rightarrow \text{BaSO}_4 + \text{FeCl}_3$
- $\text{NH}_3 + \text{O}_2 \rightarrow \text{NO} + \text{H}_2\text{O}$
- $\text{C}_4\text{H}_{10} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
- $\text{KClO}_3 + \text{HCl} \rightarrow \text{KCl} + \text{Cl}_2 + \text{H}_2\text{O}$