**Lots of Equation Balancing**

1) \_\_\_\_ KI + \_\_\_\_ Li2S → \_\_\_\_ K2S + \_\_\_\_ LiI

2) \_\_\_\_ Ba3N2 + \_\_\_\_ H2O → \_\_\_\_ Ba(OH)2 + \_\_\_\_ NH3

3) \_\_\_\_ CaF2 + \_\_\_\_ Na3PO4 → \_\_\_\_ Ca3(PO4)2 + \_\_\_ NaF

4) \_\_\_\_ FeS + \_\_\_\_ O2 → \_\_\_\_ Fe2O3 + \_\_\_\_ SO2

5) \_\_\_\_ PCl5 + \_\_\_\_ H2O → \_\_\_\_ H3PO4 + \_\_\_\_ HCl

6) \_\_\_\_ As + \_\_\_\_ NaOH → \_\_\_\_ Na3AsO3 + \_\_\_\_ H2

7) \_\_\_\_ Hg(OH)2 + \_\_\_\_ H3PO4 → \_\_\_\_ Hg3(PO4)2

8) \_\_\_\_ HClO4 + \_\_\_\_ P4O10 → \_\_\_\_ H3PO4 + \_\_\_\_ Cl2O7

9) \_\_\_\_ CO + \_\_\_\_ H2 → \_\_\_\_ C8H18 + \_\_\_\_ H2O

10) \_\_\_\_ KClO3 + \_\_\_\_ P4 → \_\_\_\_ P4O10 + \_\_\_\_ KCl

11) \_\_\_\_ SnO2 + \_\_\_\_ H2 → \_\_\_\_ Sn + \_\_\_\_ H2O

12) \_\_\_\_ KOH + \_\_\_\_ H3PO4 → \_\_\_\_ K3PO4 + \_\_\_\_ H2O

13) \_\_\_\_ Na3PO4 + \_\_\_\_ HCl → \_\_\_\_ NaCl + \_\_\_\_ H3PO4

14) \_\_\_\_ TiCl4 + \_\_\_\_ H2O → \_\_\_\_ TiO2 + \_\_\_\_ HCl

15) \_\_\_\_ C2H6O + \_\_\_\_ O2 → \_\_\_\_ CO2 + \_\_\_\_ H2O

16) \_\_\_\_ Fe + \_\_\_ C2H4O2 → \_\_\_\_ Fe(C2H4O2) + \_\_\_\_ H2

17) \_\_\_\_ NH3 + \_\_\_\_ O2 → \_\_\_\_ NO + \_\_\_\_ H2O

18) \_\_\_\_ C4H4 + \_\_\_\_ O2 → \_\_\_\_ CO2 + \_\_\_\_ H2O