Chemistry Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Worksheet – Balancing Equations # 4.

DIRECTIONS: Balance the following chemical equations.

1. \_\_\_ Fe + \_\_\_ H2S04 🡪 \_\_\_ Fe2(SO4)3 + \_\_\_ H2

2. \_\_\_ C2H6 + \_\_\_ O2 🡪 \_\_\_ H2O + \_\_\_ CO2

3. \_\_\_ KOH + \_\_\_ H3PO4 🡪 \_\_\_ K3PO4 + \_\_\_ H2O

4. \_\_\_ SnO2 + \_\_\_ H2 🡪 \_\_\_ Sn + \_\_\_ H2O

5. \_\_\_ NH3 + \_\_\_ O2 🡪 \_\_\_ NO + \_\_\_ H2O

6. \_\_\_ KNO3 + \_\_\_ H2CO3 🡪 \_\_\_ K2CO3 + \_\_\_ HNO3

7. \_\_\_ B2Br6 + \_\_\_ HNO3 🡪 \_\_\_ B(NO3)3 + \_\_\_ HBr

8. \_\_\_ BF3 + \_\_\_ Li2SO3 🡪 \_\_\_ B2(SO3)3 + \_\_\_ LiF

9. \_\_\_ (NH4)3PO4 + \_\_\_ Pb(NO3)4 🡪 \_\_\_ Pb3(PO4)4 + \_\_\_ NH4NO3

10. \_\_\_ SeCl6 + \_\_\_ O2 🡪 \_\_\_ SeO2 + \_\_\_ Cl2