Name _____

Balancing Equations 1

Balance the following chemical equations.

1. ____ Fe + ____ $H_2SO_4 \rightarrow$ ____ $Fe_2(SO_4)_3$ + ____ H_2

2. ____ C_2H_6 + ____ $O_2 \rightarrow$ ____ H_2O + ____ CO_2

3. ____ KOH + ____ $H_3PO_4 \rightarrow$ ____ K_3PO_4 + ____ H_2O

4. ____ SnO_2 + ____ $H_2 \rightarrow$ ____ Sn + ____ H_2O

5. ____ NH_3 + ____ $O_2 \rightarrow$ ____ NO + ____ H_2O

6. ____ KNO_3 + ____ $H_2CO_3 \rightarrow$ ____ K_2CO_3 + ____ HNO_3

7. ____ B_2Br_6 + ____ $HNO_3 \rightarrow$ ____ $B(NO_3)_3$ + ____ HBr

8. ____ BF_3 + ____ $Li_2SO_3 \rightarrow$ ____ $B_2(SO_3)_3$ + ____ LiF

9. ____ $(NH_4)_3PO_4$ + ____ $Pb(NO_3)_4 \rightarrow$ ____ $Pb_3(PO_4)_4$ + ____ NH_4NO_3

10. ____ $SeCl_6$ + ____ $O_2 \rightarrow$ ____ SeO_2 + ____ Cl_2