Name: _____ **Date:** _____

Balancing Equations

Balance the following chemical equations.

1. _____ Fe + _____ H_2S0_4 → _____ $Fe_2(SO_4)_3$ + _____ H_2

2. _____ C_2H_6 + _____ O_2 → _____ H_2O + _____ CO_2

3. _____ KOH + _____ H_3PO_4 → _____ K_3PO_4 + _____ H_2O

4. _____ SnO_2 + _____ H_2 → _____ Sn + _____ H_2O

5. _____ NH_3 + _____ O_2 → _____ NO + _____ H_2O

6. _____ KNO_3 + _____ H_2CO_3 → _____ K_2CO_3 + _____ HNO_3

7. _____ B_2Br_6 + _____ HNO_3 → _____ $B(NO_3)_3$ + _____ HBr

8. _____ BF_3 + _____ Li_2SO_3 → _____ $B_2(SO_3)_3$ + _____ LiF

9. _____ $(NH_4)_3PO_4$ + _____ $Pb(NO_3)_4$ → _____ $Pb_3(PO_4)_4$ + _____ NH_4NO_3

10. _____ $SeCl_6$ + _____ O_2 → _____ SeO_2 + _____ Cl_2