Balancing Chemical Equations Name:

*Balance the following equations:*

1) \_\_\_ NaNO3 + \_\_\_ PbO 🡪 \_\_\_ Pb(NO3)2 + \_\_\_ Na2O

2) \_\_\_ AgI + \_\_\_ Fe2(CO3)3 🡪 \_\_\_ FeI3 + \_\_\_ Ag2CO­3

3) \_\_\_ C2H4O2 + \_\_\_ O2 🡪 \_\_\_ CO2 + \_\_\_ H2O

4) \_\_\_ V2O5 + \_\_\_ CaS 🡪 \_\_\_ CaO + \_\_\_ V2S5

5) \_\_\_ AgBr + \_\_\_ GaPO4 🡪 \_\_\_ Ag3PO4 + \_\_\_ GaBr3

6) \_\_\_ H2SO4 + \_\_\_ B(OH)3 🡪 \_\_ B2(SO4)3 + \_\_\_ H2O

7) \_\_\_ S8­ + \_\_\_ O2 🡪 \_\_\_ SO2

8) \_\_\_ Fe + \_\_\_ AgNO3 🡪 \_\_\_ Fe(NO3)2 + \_\_\_ Ag

Balancing Chemical Equations Name:

*Write the complete balanced equations for each of the following chemical reactions:*

1) Beryllium chloride reacts with silver nitrate to produce beryllium nitrate and silver chloride.

2) Isopropanol (C3H8O) burns in oxygen to produce carbon dioxide and water.

3) Sodium hydroxide reacts with sulfuric acid (H2SO­4) to form sodium sulfate and water.

4) Fluorine gas reacts with calcium metal to yield calcium fluoride.

5) Sodium metal reacts with iron (II) chloride to produce iron metal and sodium chloride.