**BALANCING CHEMICAL EQUATIONS WORKSHEET**

**Balance the following equations:**

1. \_\_\_\_\_\_\_ NaNO3 + \_\_\_\_\_\_\_ Pb O  \_\_\_\_\_\_\_ Pb (NO3)2 + \_\_\_\_\_\_\_ Na2O
2. \_\_\_\_\_\_\_ Ag I + \_\_\_\_\_\_\_ Fe2(CO3)3  \_\_\_\_\_\_\_ FeI3 + \_\_\_\_\_\_\_ Ag2CO3
3. \_\_\_\_\_\_\_ C2H4O2 + \_\_\_\_\_\_\_ O2  \_\_\_\_\_\_\_ CO2 + \_\_\_\_\_\_\_ H2O
4. \_\_\_\_\_\_\_ ZnSO4 + \_\_\_\_\_\_\_ Li2CO3  \_\_\_\_\_\_\_ ZnCO3 + \_\_\_\_\_\_\_ Li2SO4
5. \_\_\_\_\_\_\_ V2O5 + \_\_\_\_\_\_\_ Ca S  \_\_\_\_\_\_\_ Ca O + \_\_\_\_\_\_\_ V2S5
6. \_\_\_\_\_\_\_ Mn (NO2)2 + \_\_\_\_\_\_\_ BeCl2  \_\_\_\_\_\_\_ Be (NO2)2 + \_\_\_\_\_\_\_ MnCl2
7. \_\_\_\_\_\_\_ Ag Br + \_\_\_\_\_\_\_ GaPO4  \_\_\_\_\_\_\_ Ag3PO4 + \_\_\_\_\_\_\_ GaBr3
8. \_\_\_\_\_\_\_ H2SO4 + \_\_\_\_\_\_\_ B(OH)3  \_\_ B2(SO4)3 + \_\_\_\_\_\_\_ H2O
9. \_\_\_\_\_\_\_ S8 + \_\_\_\_\_\_\_ O2  \_\_\_\_\_\_\_ SO2
10. \_\_\_\_\_\_\_ Fe + \_\_\_\_\_\_\_ AgNO3  \_\_\_\_\_\_\_ Fe (NO3)2 + \_\_\_\_\_\_\_ Ag

**Solutions for the Balancing Equations Practice Worksheet**

1. **2** NaNO3 + Pb O  Pb (NO3)2 + Na2O
2. **6** Ag I + Fe2(CO3)3  **2** FeI3 + **3** Ag2CO3
3. C2H4O2 + **2** O2  **2** CO2 + **2** H2O
4. ZnSO4 + Li2CO3  ZnCO3 + Li2SO4
5. V2O5 + **5** Ca S  **5** Ca O + V2S5
6. Mn (NO2)2 + BeCl2  Be (NO2)2 + MnCl2
7. **3** Ag Br + GaPO4  Ag3PO4 + GaBr3
8. **3** H2SO4 + **2** B(OH)3  B2(SO4)3 + **6** H2O
9. S8 + **8** O2  **8** SO2
10. Fe + **2** AgNO3  Fe (NO3)2 + **2** Ag