**Balancing Equations Homework**

1) \_\_\_\_ N2 + \_\_\_\_ H2 → \_\_\_\_ N2H4

2) \_\_\_\_ CaCl2 + \_\_\_\_ Br2 → \_\_\_\_ CaBr2 + \_\_\_\_ Cl2

3) \_\_\_\_ HNO3 → \_\_\_\_ N2O5 + \_\_\_\_ H2O

4) \_\_\_\_ Zn(NO3)2 + \_\_\_\_ NaF → \_\_\_\_ ZnF2 + \_\_\_\_ NaNO3

5) \_\_\_\_ GaBr3 + \_\_\_\_ K2SO3 → \_\_\_\_ KBr + \_\_\_\_ Ga2(SO3)3

6) \_\_\_\_ C7H16 + \_\_\_\_ O2 → \_\_\_\_ CO2 + \_\_\_\_ H2O

**Balancing Equations Homework KEY**

1) 1 N2 + 2 H2 → 1 N2H4

2) 1 CaCl2 + 1 Br2 → 1 CaBr2 + 1 Cl2

3) 2 HNO3 → 1 N2O5 + 1 H2O

4) 1 Zn(NO3)2 + 2 NaF → 1 ZnF2 + 2 NaNO3

5) 2 GaBr3 + 3 K2SO3 → 6 KBr + 1 Ga2(SO3)3

6) 1 C7H16 + 11 O2 → 7 CO2 + 8 H2O