**Review For Moles and Equations Test**

1. How many grams are there in 3.7 moles of BaF2?
2. How many moles are there in 0.9 grams of NH3?
3. How many grams are there in 50.7 moles of Na2CO3?
4. How many moles are there in 4.5 grams of NF3?
5. Which of these weighs more: 7.7 moles of GaF3 or 6.0 moles of Fe(NO3)2?
6. How many things are in a mole?
7. \_\_\_\_ NaOH + \_\_\_\_ SeI2 → \_\_\_\_ NaI + \_\_\_\_ Se(OH)2
8. \_\_\_\_ MnBr2 + \_\_\_\_ KNO2 → \_\_\_\_ Mn(NO2)2 + \_\_\_\_ KBr
9. \_\_\_\_ Be(OH)2 → \_\_\_\_ H2O + \_\_\_\_ BeO
10. \_\_\_\_ PbO2 + \_\_\_\_ H2 → \_\_\_\_ Pb + \_\_\_\_ H2O
11. \_\_\_\_ H3PO4+ \_\_\_\_ NaOH → \_\_\_\_ H2O + \_\_\_\_ Na3PO4
12. \_\_\_\_ TiF4 + \_\_\_\_ H2O → \_\_\_\_ TiO2 + \_\_\_\_ HF
13. \_\_\_\_ C2H6O + \_\_\_\_ O2 → \_\_\_\_ H2O + \_\_\_\_ CO2
14. \_\_\_\_ C2H4O2 + \_\_\_\_ Ni → \_\_\_\_ Ni(C2H3O2)2 + \_\_\_\_ H2
15. \_\_\_\_ BF3 + \_\_\_\_ I2 → \_\_\_\_ BI3 + \_\_\_ F2
16. \_\_\_\_ PI5 + \_\_\_\_ H2O → \_\_\_\_ HI + \_\_\_\_ H3PO4