**Topics: 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. Which of these weighs more: 91 grams of Pb(OH)2 or 63 grams of water?
7. How many things are in a mole?
8. \_\_\_\_ NaOH + \_\_\_\_ SeI2 → \_\_\_\_ NaI + \_\_\_\_ Se(OH)2
9. \_\_\_\_ MnBr2 + \_\_\_\_ KNO2 → \_\_\_\_ Mn(NO2)2 + \_\_\_\_ KBr
10. \_\_\_\_ Be(OH)2 → \_\_\_\_ H2O + \_\_\_\_ BeO
11. \_\_\_\_ PbO2 + \_\_\_\_ H2 → \_\_\_\_ Pb + \_\_\_\_ H2O
12. \_\_\_\_ H3PO4+ \_\_\_\_ NaOH → \_\_\_\_ H2O + \_\_\_\_ Na3PO4
13. \_\_\_\_ TiF4 + \_\_\_\_ H2O → \_\_\_\_ TiO2 + \_\_\_\_ HF
14. \_\_\_\_ C2H6O + \_\_\_\_ O2 → \_\_\_\_ H2O + \_\_\_\_ CO2
15. \_\_\_\_ C2H4O2 + \_\_\_\_ Ni → \_\_\_\_ Ni(C2H3O2)2 + \_\_\_\_ H2
16. \_\_\_\_ BF3 + \_\_\_\_ I2 → \_\_\_\_ BI3 + \_\_\_ F2
17. \_\_\_\_ PI5 + \_\_\_\_ H2O → \_\_\_\_ HI + \_\_\_\_ H3PO4