**4.2 Molar Mass and Grams to Moles**

1. Calculate the molar mass of the following compounds:

1. NaCl
2. CaO2
3. Na3PO4

2. How many moles of zinc are there in 24.0 grams?

3. How many moles are there in 150 grams of KO2?

4. How many moles are there in 100 grams of Pb(NO3)2?

5. Calculate the mass of 2.32 moles of carbon atoms.

6. How many grams are there in 1.5 moles of AgCrO4?

7. How many grams are there in 0.8 mole of (NH4)2O2?