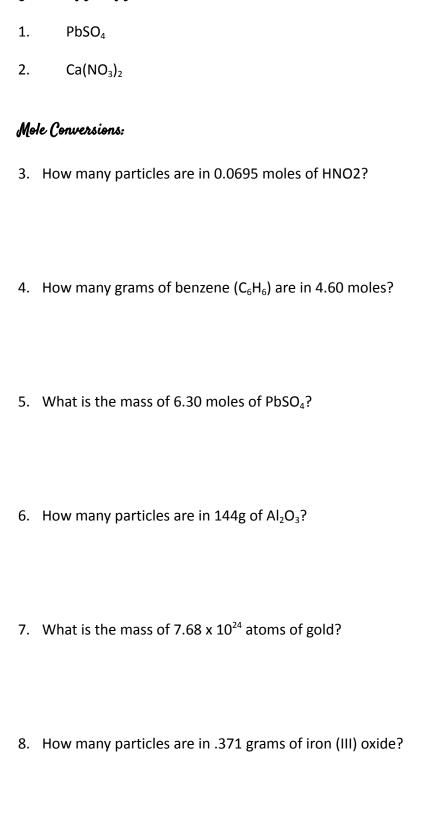
## Mole Review

## Calculate Molar Mass



## Percent Composition:

9.	What is the percent composition for each element in sulfur dioxide ( $SO_2$ )?
10.	What is the percent composition of oxygen in $Al_2(SO_4)_3$ ?
Em	pirical & Molecular Formulas:
11.	What is the empirical formula for a compound if a sample contains 4.09g of zinc and 1.00g of oxygen?
12.	Determine the empirical formula of a compound containing 24.74 grams potassium, 34.76 grams manganese, and 40.50 grams oxygen.
13.	Determine the empirical and molecular formulas of an unknown compound, given that a 212.1g sample contains 42.4g of hydrogen and 169.7g of carbon. The molecular mass is 30.0g/mol.