

### The Mole

1. Describe/relate the size of the mole to an everyday object.
2. What is Avogadro's Number?
3. How many marbles are in a mole of marbles?
4. How many mosquitoes are in a mole of mosquitoes?

### Molar Mass

Find the molar mass of the following compounds: Show work and include units

1.  $\text{CO}_2$
2.  $\text{Fe}_2\text{O}_3$
3.  $\text{AgCl}$
4.  $\text{Ca}_3(\text{PO}_4)_2$
5.  $\text{W}_3(\text{PO}_3)_5$
6.  $\text{Fe}(\text{C}_2\text{H}_3\text{O}_2)_2$
7. Calcium Carbonate