

# Avogadro's Constant

- ① How many water molecules,  $\text{H}_2\text{O}$ , are there in 9g of water?
- ② How many atoms are there in 11g of propane,  $\text{C}_3\text{H}_8$ ?
- ③ What mass of magnesium contains the same number of magnesium atoms, Mg, as there are molecules of  $\text{CO}_2$  in 1000g of Carbon dioxide