

## Three Great Moley Truths

- ① 1 mol =  $6.022 \times 10^{23}$  molec or atoms
- ② 1 mol = x g (where x depends on the chemical formula)
- ③ 1 mol = 22.414 L for a gas at S.T.P. only (0 °C and 1 atm pressure)

From these three truths you can create conversion factors!!!!

Also: the new use of the word amount!!

mass  $\leftrightarrow$  g

volume  $\leftrightarrow$  L

amount  $\leftrightarrow$  mol