

Ch 10 Study guide

The mole.....

Know what a mole is and “who’s” number it is referred to.

Skills to demonstrate....

Be able to convert between moles and particles (atoms/mlcs)

Be able to convert between moles and Liters of a gas

Be able to convert between moles and mass of a substance

Know that molar volume (1 mole = 22.4 Liters) is conditional. This statement is only true at STP

You must know what conditions STP stands for.

Prerequisite skills.....Be able to interpret the elements/atoms in a formula and correctly calculate its mass

Fe_3N_2 elements/atoms mass

$\text{Ba}(\text{NO}_3)_2$ elements/atoms mass