Definitions of Units (Système International):

Length l	*meter, 1m = 10^1 dm =10^2cm*
Volume V	*m^3, 1 m^3 = 10^3 liter*
Amount n	*number of moles (Avogadro's Number: L = 6.022·10^{23} particles /mole)*
Force F	*Newton; 1 N = 1 kg m s^{-2}*
Pressure p (P)	*Pascal; 1 Pa = 1 Nm^{-2} = 1 kg $m^{-1}s^{-2}$ 1 bar = 10^5 Pa ≈ 1 atm 1 atm = 101 325 Pa=760 Torr≈ 760 mm Hg*
Standard Pressure	*p_0 = 1 bar ≈ 1 atm*
Energy E	*Joule; 1J = 1Nm = 1 kg m^2 s^{-2}*
	1 eV = 1.602 10^{-19}J = 96.47kJ/mol = 23.06 kcal/mol
Temperature T	*1 K (Kelvin); T([K])= T([°C]) + 273.15 K Celsius scale defined by freezing point*