CONCENTRATION EXPRESSION UNIT

Match the suitable pairs.

Concentration Expression	Formula	Unit

$\frac{\text{moles of solute}}{\text{volume of solution (dm}^3\text{)}}$

Mol/L

$\frac{\text{moles of solute}}{\text{mass of solvent (kg)}}$

%

% v/v

No unit

$\frac{\text{mass of solute}}{\text{mass of solution}} \times 100$

Molality, m

%

$\frac{\text{moles of A}}{\text{total moles of all components}}$

Molarity

Mol/kg

$\%\, w/w$

mole fraction of A, X_A

$\frac{\text{volume of solute (mL)}}{\text{volume of solution (mL)}} \times 100$

LIVEWORKSHEETS