

H.W
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1. What is aq. and non-aq. solution?

Ans → A solⁿ in which water has been used as a solvent is called aq. solⁿ. Ex- solⁿ of common salt or sugar in water.

A solⁿ in which the solvent used is other than water. Ex- ~~ψ~~ Alcohol, Acetone etc.

2. How much amount of salt can maximum get dissolved in 240 ml of water if the solubility of the salt is 24g?

Ans → A/q,

$$240 \text{ ml} = 24 \text{ g}$$

$$1 \text{ ml} = \frac{24}{240} \text{ g} = \frac{1}{10} \text{ g}$$

$$100 \text{ ml} = \frac{1}{10} \times 100 = 10 \text{ g}$$

∴ 10g of salt can maximum get dissolved in 240 ml of water.