BRITISH COLUMBIA CHEMISTRY 11 (MCH--11) · UNIT D · 5 QUESTIONS

Solution Chemistry and Organic Chemistry — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A solution contains 3 moles of solute in 1.5 litres of solution. Its concentration, in moles per litre, is _____**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A solution has concentration 0.5 mole per litre. The amount of solute in 4 litres of it, in moles, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A solution is diluted from 50 mL at 4 moles per litre to a final volume of 200 mL. The final concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **To make 250 mL of a 0.4 mole per litre solution from a 2 mole per litre stock solution, the volume of stock needed, in mL, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The graph shows the solubility of sodium chloride in water at different temperatures. The solubility at 40 degrees, in the graph units, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 2
2. 2
3. 1
4. 50
5. 37

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