YUKON CHEMISTRY 11 (MCH--11) · YUKON

Yukon Chemistry 11 (MCH--11)
Practice Test

Unit D: Solution Chemistry and Organic Chemistry

5 Questions

Original practice test based on the Yukon curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

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

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Question 2

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

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Question 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 ____

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Question 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 ____

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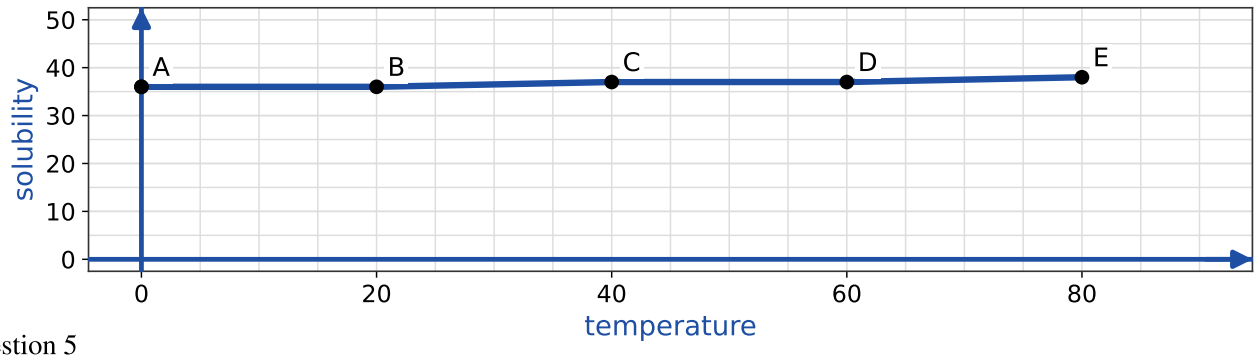

Question 5

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

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ANSWER KEY

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

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