NOVA SCOTIA ADVANCED CHEMISTRY 12 · UNIT C · 5 QUESTIONS

Solutions, Kinetics and Equilibrium — 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

2 moles of solute are dissolved to make 1000 millilitres of solution. The concentration, in moles per litre, is



ANSWER

Understand It with Pulse

Flag a mistake

2 **5 moles of solute are dissolved to make 500 millilitres of solution. The concentration, in moles per litre, is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **What volume of 2.0 moles per litre stock is needed to make 200 millilitres of 0.5 moles per litre solution, in millilitres**

ANSWER

Understand It with Pulse | Flag a mistake

4 **What volume of 2.0 moles per litre stock is needed to make 600 millilitres of 1.0 moles per litre solution, in millilitres**

ANSWER

Understand It with Pulse | Flag a mistake

5 **A reactant concentration falls from 0.5 to 0.1 moles per litre in 40 seconds. The average rate, in moles per litre per second, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 2
2. 10
3. 50
4. 300
5. 0.01

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