NOVA SCOTIA 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 **5 moles of solute are dissolved to make 2.5 litres of solution. The concentration, in moles per litre, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **4 moles of solute are dissolved to make 0.8 litres of solution. The concentration, in moles per litre, is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **100 millilitres of 0.5 moles per litre solution are diluted to 200 millilitres. The new concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **300 millilitres of 1.0 moles per litre solution are diluted to 600 millilitres. The new concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The concentration of a reactant falls by 0.5 moles per litre in 50 seconds. The average rate, in moles per litre per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 2
2. 5
3. 0.25
4. 0.5
5. 0.01

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