SASKATCHEWAN CHEMISTRY 30 · UNIT C

Chemical Equilibrium and Solubility — Practice Test

Saskatchewan Chemistry 30 • 10 questions

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 2 moles of solute in 4 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A solution contains 3 moles of solute in 6 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A solution contains 1 moles of solute in 2 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A solution contains 4 moles of solute in 8 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A solution of concentration 2 moles per litre and volume 1 L is diluted to 4 L. The new concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A solution of concentration 4 moles per litre and volume 2 L is diluted to 8 L. The new concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A solution of concentration 1 moles per litre and volume 3 L is diluted to 6 L. The new concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A solution of concentration 6 moles per litre and volume 1 L is diluted to 3 L. The new concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A solution contains 5 moles of solute in 10 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A solution contains 2 moles of solute in 5 L of solution. Its concentration, in moles per litre, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	0.5	**5.**	0.5	**9.**	0.5
2.	0.5	**6.**	1	**10.**	0.4
3.	0.5	**7.**	0.5		
4.	0.5	**8.**	2		

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