MANITOBA CHEMISTRY 30S · UNIT D · 5 QUESTIONS

Solutions — 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 beaker holds a solution with 5 moles of solute in 1 litre. Its concentration, in moles per litre, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A solution has hydrogen ion concentration $10^{-}8$ moles per litre . Its pH is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **The number of atoms in one molecule of NH_3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A sample of ammonia has amount 5 moles and molar mass 17 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample of carbon dioxide has mass 176 grams. Its molar mass is 44 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 5
2. 8
3. 4
4. 85
5. 4

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