MANITOBA CHEMISTRY 40S · UNIT A · 5 QUESTIONS

Atomic Structure — 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 clear glass of water sits on a plain white surface. A solution has 4 moles of solute in 1 litres. Its concentration, in moles per litre, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A solution has hydrogen ion concentration $10^{-}4$ 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 nitrogen has amount 6 moles and molar mass 28 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample of ammonia has mass 102 grams. Its molar mass is 17 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. 4
3. 4
4. 168
5. 6

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