MANITOBA CHEMISTRY 40S · UNIT E · 5 QUESTIONS

Acid-Base Theory and Reactions — 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 solution has 2 moles of solute in 2 litres. 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 scuba diver swims underwater with a silver oxygen tank. A sample of oxygen has amount 3 moles and molar mass 32 grams per mole. Its mass, in grams, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample of nitrogen has mass 168 grams. Its molar mass is 28 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 1
2. 8
3. 4
4. 96
5. 6

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