MANITOBA CHEMISTRY 40S · UNIT F · 5 QUESTIONS

Oxidation-Reduction Reactions and Electrochemistry — 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 physics lab pulley with a small cylindrical metal mass hanging from it. A sample of carbon dioxide has amount 4 moles and molar mass 44 grams per mole. Its mass, in grams, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A sample of methane has mass 32 grams. Its molar mass is 16 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A solution has 6 moles of solute in 2 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 176
2. 2
3. 2
4. 3
5. 4

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