MANITOBA CHEMISTRY 40S · UNIT B · 5 QUESTIONS

Reaction Rates and Kinetics — 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 64 grams. Its molar mass is 16 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An amount of 2 moles of nitrogen has molar mass 28 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A solution has 5 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A solution has hydrogen ion concentration $10^{-}4$ moles per litre . Its pH is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 176
2. 4
3. 56
4. 5
5. 4

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