THE MOLE, BALANCING EQUATIONS, AND MOLAR MASS - PRACTICE TEST | NEW BRUNSWICK CHEMISTRY 111-112 · UNIT C · 5 QUESTIONS

The Mole, Balancing Equations, and Molar Mass — 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 clamped to the edge of a wooden lab table, a rope running over the pulley with a small cylindrical metal mass hanging from it, a wooden block resting on the table connected by the rope, bright daylight, sharp focus, no people, no text. The molar mass of H_2O is 18 grams per mole. A sample of 54 grams contains, in moles



ANSWER

Understand It with Pulse | Flag a mistake

2 **The molar mass of CO_2 is 44 grams per mole. A sample of 132 grams contains, in moles**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The molar mass of NH_3 is 17 grams per mole. A sample of 34 grams contains, in moles**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The molar mass of NaCl is 58.5 grams per mole. A sample of 2 moles has a mass, in grams, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The molar mass of NH_3 is 17 grams per mole. A sample of 5 moles has a mass, in grams, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 3
2. 3
3. 2
4. 117
5. 85

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