ARIZONA CHEMISTRY · UNIT 3 · 5 QUESTIONS

Stoichiometry and Solutions — 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. Using atomic masses 23 for sodium and 35.5 for chlorine, the molar mass of sodium chloride, in grams per mole, is ____**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A mole is best described as a unit for counting**

- A Pressure
- B Particles
- C Volume
- D Temperature

Understand It with Pulse | Flag a mistake

3 **Water has molar mass 18 grams per mole. The number of moles in 90 g of water is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Which solution is more concentrated**

A 0.5 mol per liter

B 2 mol per liter

C 4 mol per liter

D 1 mol per liter

Understand It with Pulse | Flag a mistake

5 **A solution contains 1 mol of solute in 5 L of solution. Its molarity, in moles per liter, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 58.5
2. B
3. 5
4. C
5. 0.2

© 2026 Brett Robbins. All Rights Reserved.