IOWA 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 **Table salt is sodium chloride. Using atomic masses (Na = 23, Cl = 35.5), the molar mass of sodium chloride, in grams per mole, is ____**



ANSWER

Understand It with Pulse | Flag a mistake

2 **One mole of carbon atoms has a mass of**

- A 6 g
- B 12 g
- C 24 g
- D 1 g

Understand It with Pulse | Flag a mistake

3 **The number of moles in 44 g of carbon dioxide is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The concentration of a solution increases when**

A more solvent is added

B solute is removed

C solvent evaporates

D the solution is cooled

Understand It with Pulse | Flag a mistake

5 **The mass, in grams, of 2 mol of sodium chloride is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 58.5
2. B
3. 1
4. C
5. 117

© 2026 Brett Robbins. All Rights Reserved.