VIRGINIA CHEMISTRY · VIRGINIA

Virginia Chemistry

Practice Test

Unit 3: Stoichiometry and Solutions

5 Questions

Original practice test based on the Virginia curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

Using atomic masses (Na = 23, Cl = 35.5), the molar mass of sodium chloride, in grams per mole, is

____

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Question 2

One mole of carbon atoms has a mass of

A) 6 g

B) 12 g

C) 24 g

D) 1 g

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Question 3

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

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Question 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

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Question 5

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

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ANSWER KEY

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

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