ARKANSAS CHEMISTRY · ARKANSAS

Arkansas Chemistry

Practice Test

Unit 3: Stoichiometry and Solutions

5 Questions

Original practice test based on the Arkansas 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

How many moles are in 36 grams of water, molar mass 18 grams per mole

Understand It with Pulse Flag a mistake

Question 2

What mass in grams is 3 moles of carbon, molar mass 12 grams per mole

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Question 3

A solution has 2 moles of solute in 4 litres, what is its molarity in moles per litre

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Question 4

A solution has 0.5 moles in 2 litres, what is its molarity in moles per litre

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Question 5

Actual yield is 40 grams and theoretical yield is 50 grams, what is the percent yield

Understand It with Pulse Flag a mistake

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ANSWER KEY

1. 2
2. 36
3. 0.5
4. 0.25
5. 80

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