NOVA SCOTIA ADVANCED CHEMISTRY 11 · UNIT A · 5 QUESTIONS

Stoichiometry — 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. An advanced titration sample of mass 90 grams has molar mass 30 grams per mole. 3 moles of product form per mole of sample. The product amount, in moles, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A reaction needs equal moles of two reactants. 2 moles of one and 7 moles of the other are mixed. The limiting amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An advanced sample of mass 84 grams has molar mass 28 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An empirical formula from percent composition starts by assuming a sample mass of**

A 1 gram

B 10 grams

C 1000 grams

D 100 grams

Understand It with Pulse | Flag a mistake

5 **An advanced titration sample of mass 64 grams has molar mass 32 grams per mole. 2 moles of product form per mole of sample. The product amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 9
2. 2
3. 3
4. D
5. 4

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