NOVA SCOTIA ADVANCED CHEMISTRY 11 · UNIT B · 5 QUESTIONS

From Structures to Properties — 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 atom has 15 protons and 16 neutrons. Its mass number is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An atom has atomic number 19 and mass number 39. Its neutrons number**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An ion has 12 protons and 10 electrons. Its charge is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A molecule has 3 bonding pairs and no lone pairs. Its bond angle, in degrees, is about**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A tetrahedral molecule has bond angles of about, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 31
2. 20
3. 2
4. 120
5. 109

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