PRINCE EDWARD ISLAND CHEMISTRY 11 · UNIT C · 5 QUESTIONS

# Organic Chemistry — 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 **Red formula race car speeding toward the camera, front view, large in frame. An alkane has 4 carbon atoms. Using the formula C n H 2n plus 2, how many hydrogen atoms does the alkane have**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An alkane with 4 carbon atoms has a molar mass in grams per mole of 12 times the carbon atoms plus 1 times the hydrogen atoms. What is its molar mass, using hydrogen atoms from the alkane formula**

ANSWER

Understand It with Pulse | Flag a mistake

3 **An alkene has 5 carbon atoms. Using the formula C n H 2n, how many hydrogen atoms does the alkene have**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An alkane has 5 carbon atoms. Using the formula C n H 2n plus 2, how many hydrogen atoms does the alkane have**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An alkane with 5 carbon atoms has a molar mass in grams per mole of 12 times the carbon atoms plus 1 times the hydrogen atoms. What is its molar mass, using hydrogen atoms from the alkane formula**

ANSWER _____

Understand It with Pulse | Flag a mistake

# ANSWER KEY

1. 10
2. 58
3. 10
4. 12
5. 72

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