PRINCE EDWARD ISLAND CHEMISTRY 11 · UNIT C

Organic Chemistry — Practice Test

Prince Edward Island Chemistry 11 • 10 questions

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 **Complete combustion of an alkane with 4 carbon atoms produces how many carbon dioxide molecules per alkane molecule**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An alkene has 6 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

3 **Propane is an alkane with how many carbon atoms**

A 1

B 2

C 3

D 4

Understand It with Pulse | Flag a mistake

4 **Saturated hydrocarbons contain only**

A double bonds

B triple bonds

C rings only

D single bonds

Understand It with Pulse | Flag a mistake

5 **The functional group of a carboxylic acid is the**

A hydroxyl group

B carbonyl group

C carboxyl group

D amino group

Understand It with Pulse | Flag a mistake

6 **The functional group of an alcohol is the**

A carboxyl group

B hydroxyl group

C carbonyl group

D amino group

Understand It with Pulse | Flag a mistake

7 **The general formula for alkanes is**

- **A** C_nH_{2n}
- **B** C_nH_{2n-2}
- **C** C_nH_n
- **D** C_nH_{2n+2}

Understand It with Pulse | Flag a mistake

8 **The general formula for alkenes with one double bond is**

- **A** C_nH_{2n}
- **B** C_nH_{2n+2}
- **C** C_nH_{2n-2}
- **D** C_nH_n

Understand It with Pulse | Flag a mistake

9 **Unsaturated hydrocarbons contain at least one double or**

A triple bond

B single bond only

C ionic bond

D metallic bond

Understand It with Pulse | Flag a mistake

10 **Complete combustion of an alkane with 5 carbon atoms produces how many carbon dioxide molecules per alkane molecule**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4	**5.**	C	**9.**	A
2.	12	**6.**	B	**10.**	5
3.	C	**7.**	D		
4.	D	**8.**	A		

© 2026 Brett Robbins. All Rights Reserved.