ALASKA CHEMISTRY · UNIT 2 · 5 QUESTIONS

Bonding and Chemical Reactions — 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 **Which property is typical of a covalent compound**

- A low melting point
- B conducts when solid
- C very hard in every case
- D high melting point in every case

Understand It with Pulse | Flag a mistake

2 **The number of valence electrons in a nitrogen atom is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The shape of a carbon dioxide molecule is**

A bent

B trigonal planar

C linear

D tetrahedral

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4 **An ionic bond usually forms between**

A two nonmetals

B a metal and a nonmetal

C two noble gases

D two metals

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5 **A red and yellow playground seesaw sits balanced on its fulcrum. In the balanced equation N_2 + ____ H_2 → $2NH_3$, the coefficient of hydrogen is ____**



ANSWER _____

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ANSWER KEY

1. A
2. 5
3. C
4. B
5. 3

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