

TETRAHEDRAL

Meaning: Tetrahedral refers to a geometric shape or molecular structure that is formed by four triangular faces, with one vertex at the center and the others at the corners.

1. The molecular structure of methane is tetrahedral, with carbon at the center and hydrogen atoms at the corners.
2. In geometry class, we learned that a tetrahedral shape consists of four triangular faces.
3. Certain types of minerals crystallize in a tetrahedral arrangement, influencing their physical properties.
4. The tetrahedral coordination of atoms in a crystal lattice can significantly affect its stability and reactivity.
5. When studying organic chemistry, it is essential to understand the tetrahedral geometry of sp^3 hybridized carbon atoms.

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