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Which of the following statements regarding benzene is *false*?

- (A) The three longer C-C bonds are close to the C-C bond length in ethane while the three shorter CC bonds are close to the C-C bond length in ethylene (ethene).
- (B) All C-H bond lengths are equal (C) All six carbon atoms are sp^2 hybridized.
- (D) All atoms are in the same plane. (E) There are no unpaired π electrons in the ground state.

VIDEO SOLUTION



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