



# ORGOREVIEW

## Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

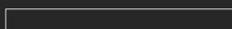
Share



From a consideration of the molecular orbital treatment of the hydrogen molecule, choose from the following statement that is incorrect.

- (A) The molecular orbitals are formed from combinations of the 1s orbitals from each of the two hydrogen atoms.
- (B) The lower molecular orbital is a  $\sigma$  (sigma) bonding orbital.
- (C) The higher molecular orbital is a  $\sigma^*$  (sigma\*) antibonding orbital.
- (D) Each of the two molecular orbitals will be occupied electrons fifty percent of the time.
- (E) The electron density on each of the two hydrogen atoms is equal.

## VIDEO SOLUTION



### How to Reach Us

Todd's Test Prep  
2255 Glades Road  
Suite 324A

Boca Raton, Florida 33431

E-mail: [help@orgoreview.com](mailto:help@orgoreview.com)

[Links](#)

[Contact](#)

[Terms](#)

[Privacy Policy](#)

**follow us**



Copyright 2026. All Rights Reserved.