Work sheet Molecular orbitals

1. The combining atomic orbita	ls
must sameand same	
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2. For a bonding molecular orbi	tal
the electron density is	
the nuclei of bonded atoms.	
3. The energy of ∂2pz molecula	r
orbital isin energy tha	n
∏2px and ∏2py.	
4. One half the difference	
between the number of electron	าร
present in the bonding and	
antibonding orbitals is called	

5. Helium molecule is unstable and does not exist because bond order is ______.

Symmetry energy between

Higher bond order Zero