

2.2: Lewis Structures and Molecular Shape

Learning objectives for this unit are to:

- Use Lewis structures in conjunction with formal charge and VSEPR to predict and draw 3-dimensional representations of molecules
 - Predict distortions from ideal geometry based on electronegativity and atom size
 - Draw reasonable equivalent and inequivalent resonance structures of molecules
 - Predict or explain experimental bond lengths and bond angles based on Lewis structures and resonance
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