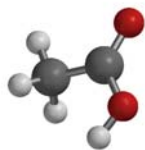


Chemistry BC2001x:
General Chemistry I



Lecture 6: Thursday September 24, 2009

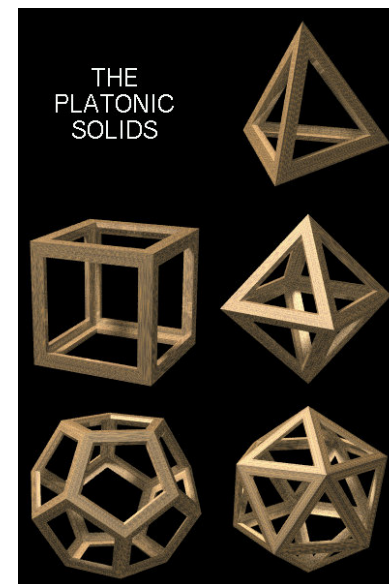
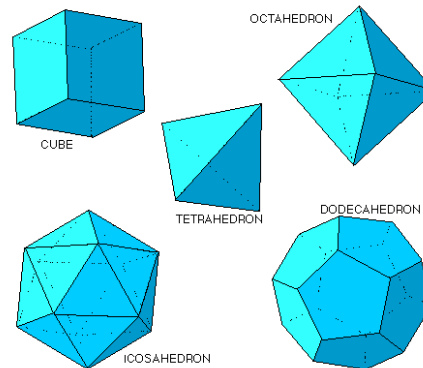
Topics: Electronegativity and Bond Polarity
Formal Charge, VSEPR Theory,
Molecular Shapes and Polarity

Turn in Problem Set 2 (correct box, please!)

Pick up Problem set 3

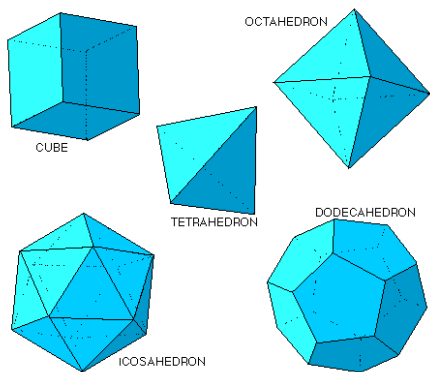
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Polyhedra

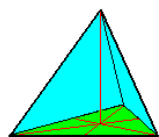


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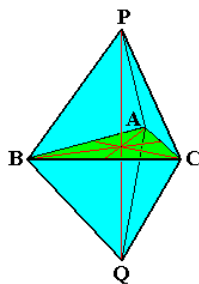
Polyhedra



the 5 Platonic Solids



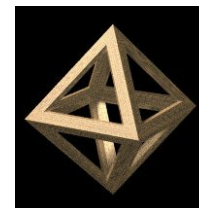
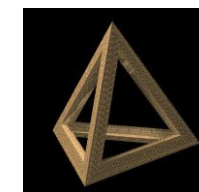
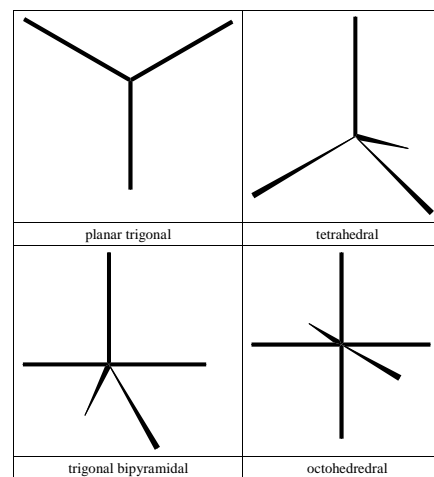
trigonal pyramid



trigonal bipyramid

3

Molecular shapes: the underlying framework geometries



4