

CHAPTER OVERVIEW

6: Covalent Bonding and Electron Pair Sharing

Topic hierarchy

Section 1: Foundation

Section 2: Goals

Observation 1: Valence and the Periodic Table

Section 4: Observation 2: Compounds of Carbon and Hydrogen

Section 5: Observation 3: Compounds of Nitrogen, Oxygen, and the Halogens

Section 6: Interpretation of Lewis Structures

Section 7: Extensions of the Lewis Structure Model

Section 8: Resonance Structures

Section 9: Review and Discussion Questions

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