

**Accelerated General Chemistry**  
**Problem Set 7**  
**Due Wednesday, October 15, 2008 (at 4:00 p.m.)**  
Total Points on This Assignment = 42

1. (8 points) Atkins and Jones Exercise 3.36. You must draw a Lewis structure for each molecule. See Table 3.2 for a nice summary of the relationship between molecular geometry and hybridization scheme.
2. (8 points) Atkins and Jones Exercise 3.40. You must draw a Lewis structure for each molecule.
3. (6 points) Hanson and Green Problem 2.2
4. (11 points) Hanson and Green Problem 2.4
5. (3 points) Hanson and Green Problem 2.12. Round to the nearest integer.
6. (6 points) Hanson and Green Problem 2.21