

**General Chemistry 1**  
**Problem Set 6**  
**Due Monday, October 25, 2004**

**Note that Test 2 will be on Wednesday, October 27. The key for this problem set will be posted on the course web site on the evening of October 25.**

1. (10 points total) Silberberg 11.51

For each of the problems below, you should justify your assignment of hybridization by drawing a Lewis structure which depicts the steric number of the atom in question.

2. (6 points) Silberberg 11.8
3. (6 points) Silberberg 11.10
4. (4 points) Silberberg 11.14