

General Chemistry 1
Problem Set 8
Due Friday, November 12, 2004

1. (10 points) Silberberg 11.48. Note that in part (c), it is sufficient to write down the ideal bond angle at points *a*, *b*, and *c*.
2. (5 points) Silberberg 11.57
3. (6 points) Silberberg 12.42
4. (5 points) Silberberg 12.46. One explanation will suffice for all three comparisons.
5. (9 points) Silberberg 12.50. Here, you should give a different explanation for each of the three comparisons.
6. (3 points) Silberberg 12.55
7. (5 points) Silberberg 12.62