Skill Practice 22

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a structure for each of the following. On each structure label the approximate bond angle. Also name the geometry (i.e. “tetrahedral”, “bent”, etc.).

1. PO31- 2. CBr4

3. ClCN (carbon is the central atom) 4. OCl2

5. NBr3 6. SiO32-

7. A certain molecule is bent and has a bond angle of about 109o. Is the molecule SeS2 or SeCl2?