Skill Practice 31

Shape Practice

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

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

Hour: \_\_\_\_\_

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. NO31- 2. CH4

3. HCN (carbon is the central atom) 4. H2O (oxygen is the central atom)

5. NF3 6. SiO32-

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