Skill Practice 27



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. SiO_3^{2-}

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