

Worksheet: Molecular Shape

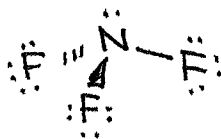
Key

1. Determine the molecular shape of the following compounds:

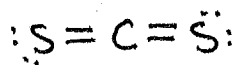
- | | |
|--------------------------|---------------------------|
| a. PH_3 | <u>trigonal pyramidal</u> |
| b. H_2Se | <u>bent</u> |
| c. CO_2 | <u>linear</u> |
| d. CCl_4 | <u>tetrahedral</u> |
| e. BBr_3 | <u>trigonal planar</u> |

2. Draw the correct molecular shape for the following compounds:

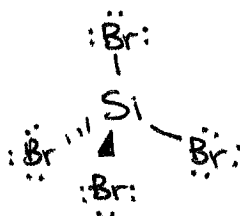
- a. NF_3



- b. CS_2



- c. SiBr_4



- d. OF_2

