

## PROBLEMS

1. An article in a journal, *Inorganic Chemistry*, cites both  $\text{BF}_3$  and  $\text{PF}_3$  as examples of flat or planar molecules with bond angles of  $120^\circ$ . Another article reports the FPF bond angle as  $98^\circ$ . Which report is consistent with the VESPR model? Explain.

