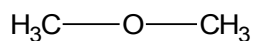


1. Draw the Lewis structure for nitrate, NO_3^- . State the electron pair geometry and molecular geometry around the N atom.

2. Group 16 elements tend to form _____ bonds and have _____ unshared or lone pair of electrons in the valence shell.

3. Consider the following molecule:



What are the electronic and molecular geometries around the O atom?