

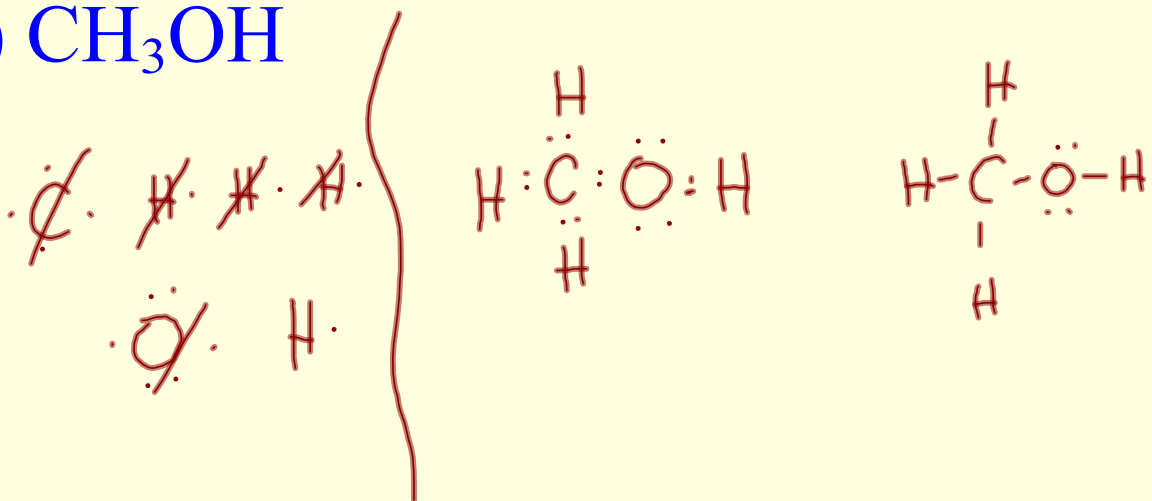
Warm Up

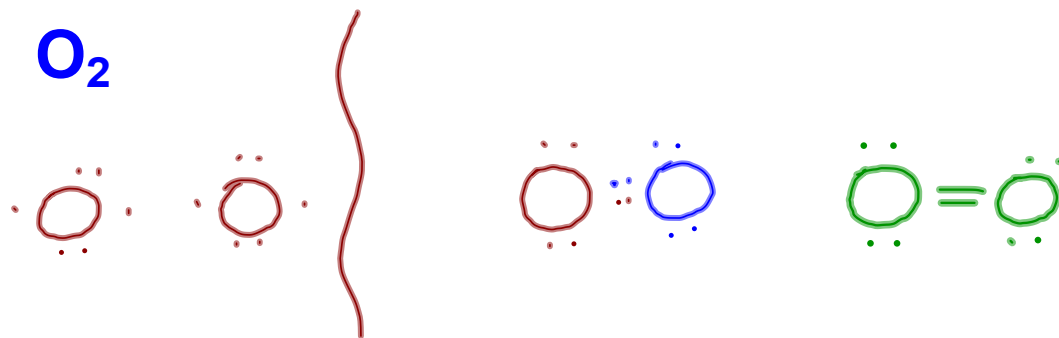
Draw an electron dot structure and structural diagram for the following:

a) PF_3

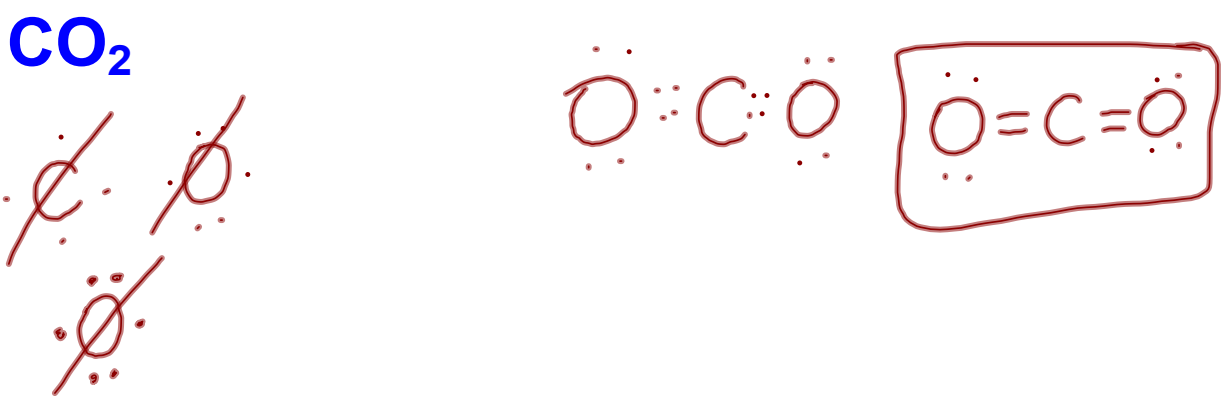


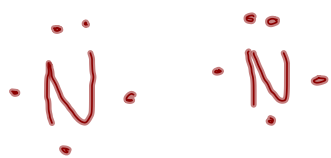
b) CH_3OH





Double covalent bond
 Two shared pairs of electrons





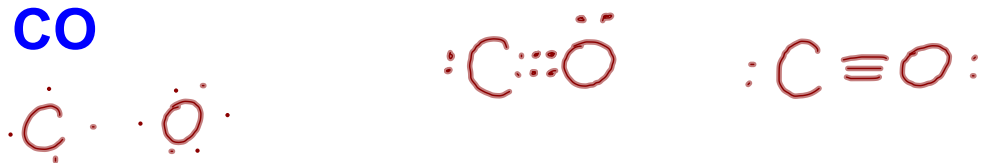
Triple covalent bond

Three shared pairs of electrons



Coordinate Covalent Bonds

CO

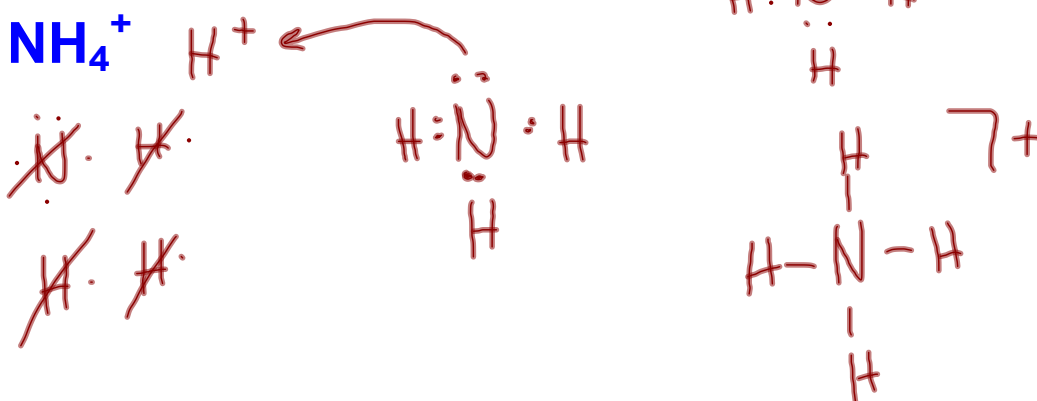


Coordinate Covalent Bond

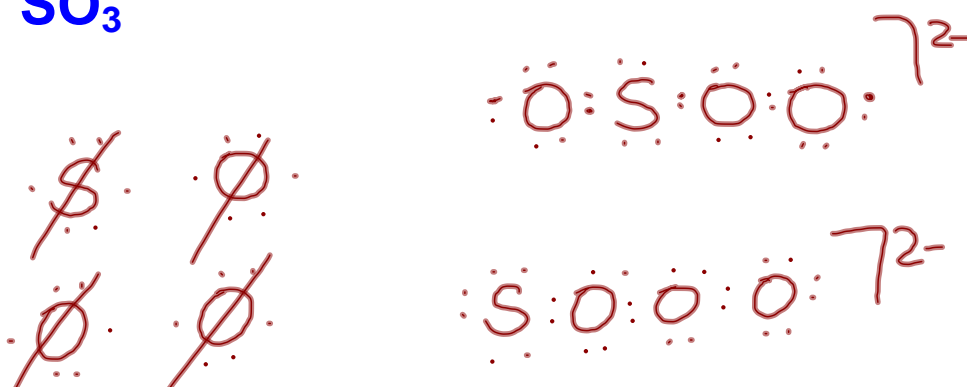
A covalent bond in which one atom contributes a shared pair of electrons.

- Coordinate covalent bonding is common in polyatomic ions.

NH₄⁺



SO₃²⁻



Homework

p. 220 #7, 8

p. 225 #9-12