

Linear (single bonded)

H2

F2

BeH2

Linear (double bonded)

O2

CO2

Linear (triple bonded)

N2

CO

Bent

O3

SO2

H2O

Trigonal Planar

BF3

CH2O

CO32-

Pyramidal (Trigonal pyramid)

NI3

AsCl3

Tetrahedral

CH4

SiF4

SO42-

Octahedral

SF6