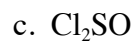


A FEW MORE PROBLEMS for MOTIVATED or CONFUSED students! :)

Draw dot diagrams for the following



Bent molecule

Linear ion

Trigonal Planar Molecule



Trigonal Planar ion

T – Shaped Molecule

Square Pyramidal molecule

Complete the following columns for the above:

	Electron Domain Geometry	Molecular Geometry	Bond Angles	Polar?	Center Atom Hybridization
a	Tet.	See above	109.5	Y	sp ³
b	TBP	See above	180	N	sp ³ d
c	TP	See above	120	Y	sp ²
d	TP	See above	120	N	sp ²
e	TBP	See above	90	Y	sp ³ d
f.	Oct.	See above	90	Y	sp ³ d ²

DO problems 29, 31 and 33 on page 495 in the text. (answers in back of book.)