

## VSEPR: Lewis Structure, Bond and Lone Pair distribution and Shape

NAME: \_\_\_\_\_

Fill in the empty boxes.

Name	Formula	Lewis structure	BP & LP distribution	Molecular Shape (geometry)	Other examples
Beryllium hydride					
Boron hydride					
ozone					
Methane					
Ammonia					
Water					
Hydrogen fluoride					

Those with 5 or more charge centers (HL only)

Name	Formula	Lewis structure	BP & LP distribution	Molecular Shape (geometry)	Other examples
Phosphorus pentachloride					
Sulfur tetrafluoride					
Iodine trichloride					
Xenon difluoride					
Sulfur hexafluoride					
Chlorine pentafluoride					
Xenon tetrafluoride					