

Name _____ Period _____ Date _____

Molecular Geometry – Ch. 6

For each of the following molecules, draw the Lewis Diagram and tally up the electron pairs. Then, identify the correct the molecular shape and bond angle.

MOLECULE	LEWIS DIAGRAM	e ⁻ TALLY	SHAPE	BOND ANGLE
BF ₃				
NH ₃				
BeH ₂				
SO ₂				

MOLECULE	LEWIS DIAGRAM	e ⁻ TALLY	SHAPE	BOND ANGLE
CCl ₄				
H ₂ O				
CO ₂				
PCl ₃				