

Name _____ Period _____ Date _____

Molecular Geometry

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

MOLECULE	LEWIS DIAGRAM	# of valence electrons	SHAPE	BOND ANGLE
1. SeO_3				
2. AsH_3				
3. NO_2^-				
4. BeF_2				

MOLECULE	LEWIS DIAGRAM	# of valence electrons	SHAPE	BOND ANGLE
5. SiH ₄				
6. SeH ₂				
7. PF ₅				
8. SCl ₆				