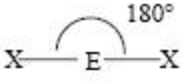
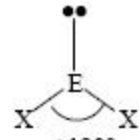
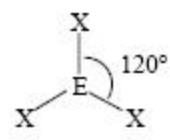
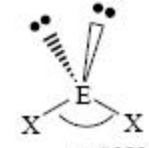
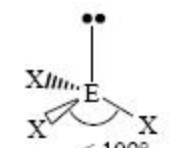
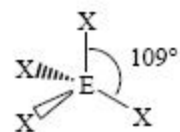
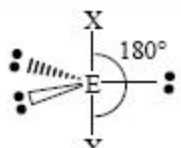
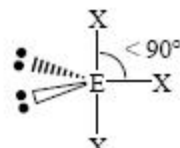
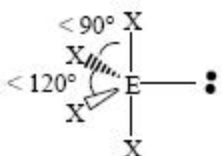
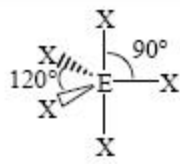
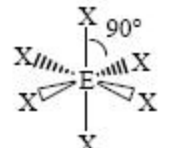
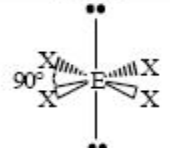
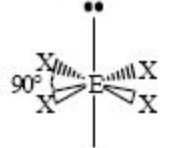
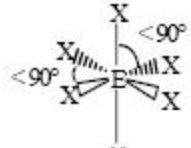
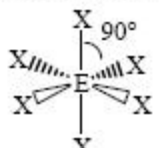


Determining Electron and Molecular Geometries

Bonding Sites	Electron Geometry	Bonded Sites	Molecular Geometry	Bond Angles
2	Linear	2	Linear	180°
		1	Linear	180°
3	Trigonal Planar	3	Trigonal Planar	120°
		2	Bent	~120°
		1	Linear	180°
4	Tetrahedral	4	Tetrahedral	109.5°
		3	Trigonal Pyramidal	~109.5°
		2	Bent	~109.5°
		1	Linear	180°
5	Trigonal Bipyramidal	5	Trigonal Bipyramidal	90° or 120°
		4	Sawhorse or See-Saw	90° or 120°
		3	T-Shaped	~90°
		2	Linear	180°
		1	Linear	180°
6	Octahedral	6	Octahedral	90°
		5	Square Pyramidal	90°
		4	Square Planar	90° or 180°
		3	T-Shped	~90°
		2	Linear	180°
		1	Linear	180°

VSEPR Geometries					
Bonding Sites	2 Bonded	3 Bonded	4 Bonded	5 Bonded	6 Bonded
2	 Linear				
3	 Bent or Angular	 Trigonal Planar			
4	 Bent or Angular	 Trigonal Pyramid	 Tetrahedral		
5	 Linear	 T-shape	 Sawhorse or Seesaw	 Trigonal Bipyramid	
6	 Octahedral	 Square Planar	 Square Planar	 Square Pyramid	 Octahedral

