

VSEPR Geometries

Steric No.	Basic Geometry 0 lone pair	1 lone pair	2 lone pairs	3 lone pairs	4 lone pairs
2	<p style="text-align: center;">Linear</p>				
3	<p style="text-align: center;">Trigonal Planar</p>	<p style="text-align: center;">Bent or Angular</p>			
4	<p style="text-align: center;">Tetrahedral</p>	<p style="text-align: center;">Trigonal Pyramidal</p>	<p style="text-align: center;">Bent or Angular</p>		
5	<p style="text-align: center;">Trigonal Bipyramid</p>	<p style="text-align: center;">Sawhorse or Seesaw</p>	<p style="text-align: center;">T-shape</p>	<p style="text-align: center;">Linear</p>	
6	<p style="text-align: center;">Octahedral</p>	<p style="text-align: center;">Square Pyramidal</p>	<p style="text-align: center;">Square Planar</p>	<p style="text-align: center;">T-shape</p>	<p style="text-align: center;">Linear</p>

E = central atom
X = surrounding atoms
 $\cdot\cdot$ = lone pair
 } all are bonds