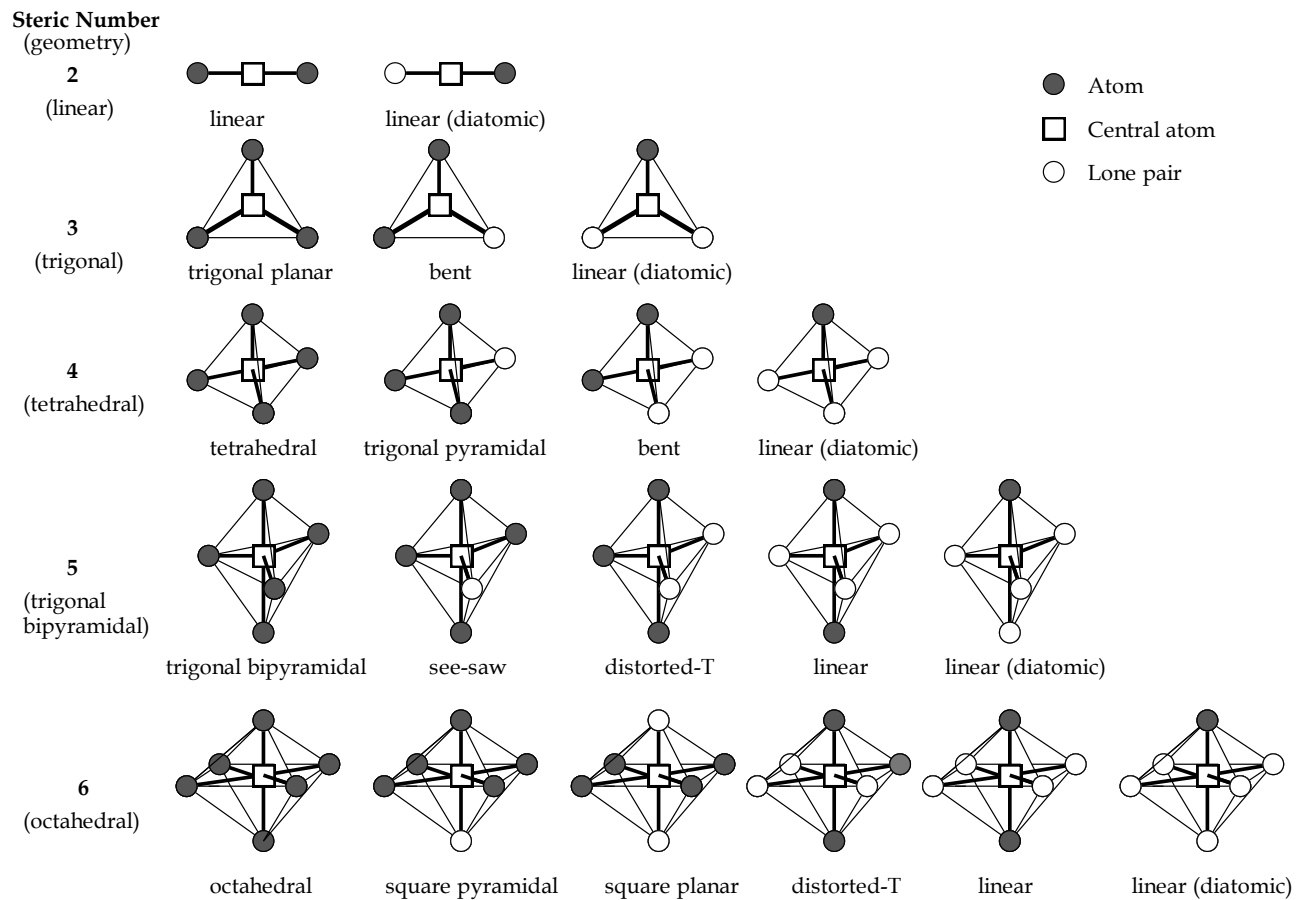


TABLE 1. LIST OF MOLECULAR SHAPES

Steric Number S (Electron's geometry)	The number of atoms bonded to the central atom, $N_A$	The combination of S; $N_A$ numbers	SHAPE OF MOLECULE
2 (LINEAR)	1	2;1	LINEAR (DIATOMIC)
	2	2;2	LINEAR
3 (TRIGONAL PLANAR)	3	3;3	TRIGONAL PLANAR
	2	3;2	ANGULAR (BENT)
	1	3;1	LINEAR (DIATOMIC)
4 (TETRAHEDRAL)	4	4;4	TETRAHEDRAL
	3	4;3	TRIANGULAR PYRAMIDAL
	2	4;2	ANGULAR (BENT)
	1	4;1	LINEAR (DIATOMIC)
5 (TRIGONAL BIPYRAMIDAL)	5	5;5	TRIANGULAR BIPYRAMIDAL
	4	5;4	SEE-SAW
	3	5;3	DISTORTED T-SHAPE
	2	5;2	LINEAR
	1	5;1	LINEAR (DIATOMIC)
6 (OCTAHEDRAL)	6	6;6	OCTAHEDRAL
	5	6;5	SQUARE PYRAMIDAL
	4	6;4	SQUARE PLANAR
	3	6;3	DISTORTED T-SHAPE
	2	6;2	LINEAR
	1	6;1	LINEAR (DIATOMIC)



**Steric Numbers, Geometries and the Shapes of Molecules**

**Fig.5. 3-D drawing of molecular shapes**