























	Chemical Formula	# Valence e's in Molecule	Levis Stucture	Nerve of VISEIN Amongement (Geometry)	Name of Shape (Molecular Geometry)	Bond (Polar or Non-Polar)	Molecule (Polar or Non-Polar)	3 Dimensional Drawing	Resonance (Yes or No)
	н,о		о н н				Polar		No
Ammonia	NH ₃		н н				Polar		No
	сн,		н н н н						No
	с,н,		н н н с с н	Around each C	Around each C	сн сс	Non- Polar		No
	HCN		нсп	Around C	Around C	H⊸C C⊸N	Polar		No
	с,н,		нссн	Around each C	Around each C	с-н с-с			No
	so,		0 0 8 0				Non- Polar		Yes





	Chemical Formula	# Valence e's in Molecule	Lewis Structure	Name of VSEPR Arrangement (Geometry)	Name of Shape (Molecular Geomerty)	Bond (Polar or Non-Polar)	Molecule (Polar or Non-Polar)	3 Dimensional Drawing	Resonance (Yes or No)
Ī	N ₂		N N						No
niui	n (NH ₄)*		н н N Н Н				Polyatomic Ion		No
	PBr,		Br P Br Br				Polar		No
	(NO ₂)-		0 N 0				Polyatomic Ion		Yes
	(CO ₃) ²⁻		° c o				Polyatomic Ion		Yes
ĺ	сн,о		o c						No









	Orbital (Electronic) Geometry	Molecular Geometry	Bond Ang	le			# of	one pairs
Important	Linear	Linear	180°	000				0
in Organic	Trigonal Planar	Trigonal Planar	120°		.å.			0
Compound	s Trigonal Planar	Bent	<120°			0.00		1
	Tetrahedral	Tetrahedral	109.5°	000				0
	Tetrahedral	Trigonal Pyramidal	$<\!109.5^{\circ}$		080			1
	Tetrahedral	Bent	<109.5°	0		000		2
See again	Trigonal Bipyramidal	Trigonal Bipyramida	1 120°, 90°	03				0
in Chem 120	Trigonal Bipyramidal	Seesaw <	120°, <90°		3			1
und possibl n	[*] Trigonal Bipyramidal	T-shape	<90°			00		2
Chem 109	Trigonal Bipyramidal	Linear	180°				ŏ	3
	Octahedral Octahedra	al	90°	898			0	0
	Octahedral Square P	yramidal	<90°		808			1
	Octahedral Square P	90°			0		2	

















































