

Formula:			
List of atoms in the formula	A	N	<ul style="list-style-type: none"> Note 1: N= 8 for all elements, except for hydrogen N=2 Note 2: Find A for each atom by its group number in the periodic table. Note 3: For anion add number of negative charge. For cation subtract number of positive charges. Note 4: For skeleton: <ul style="list-style-type: none"> Symmetrical if possible. H and halogens are terminal. Element with fewest valence electrons in center. Also, the least electronegative atom is the central atom. No O-O bonds (expect for O₂ & O₃).
(+ or -) Charge			
	Total A:	Total N:	
S = Number of valence electrons to share = Total (N) – Total(A) =			
Number of lone pairs electrons = Total (A) – (S) =			
Skeleton:		Skeleton + Shared Electrons	
Skeleton + Available Electrons		Final Structure	