

FOR CP AND HONORS STUDENTS

	Element	Oxidation State(s)
1	Silver	+1
2	Cobalt	+2, +3
3	Chromium	+2, +3
4	Copper	+1, +2
5	Iron	+2, +3
6	Mercury	+1, +2
7	Manganese	+2
8	Lead	+2, +4
9	Tin	+2, +4
10	Zinc	+2
11	Gold	+1, +3

Electron Geometry	Shape	Angle 1
Linear	Linear	180
Trigonal Planar	Trigonal Planar	120
	Bent	< 120
Tetrahedral	Tetrahedral	109.5
	Trigonal Pyramid	107.3
	Bent	104.5

FOR HONORS STUDENTS

Metal Activity										
Least	Au	Ag	Cu	H ₂	Pb	Sn	Fe	Zn	Mn	Al
Most	Li	Cs	K	Rb	Ba	Sr	Ca	Na	Mg	Be
Halogen Activity										
Least			I ₂	Br ₂	Cl ₂	F ₂	Most			