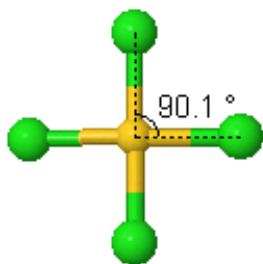
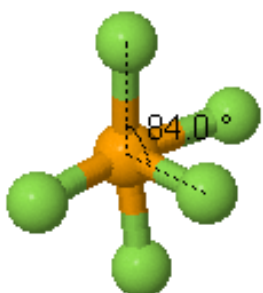


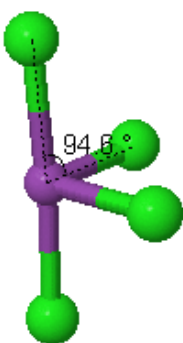
Easy Exercises


 Refcode: *BALGUQ10*

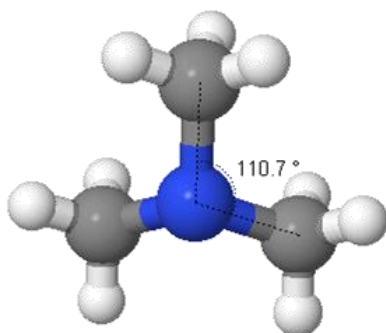
[AuCl₄]⁻	
Central Atom	Gold (Au)
Valence Shells	7
4 [Cl] atoms	4
Negative charge on [Au]	1
Total	12
Divide by 2	6
6 Electron Pairs	Square Planar


 Refcode: *YALROS*

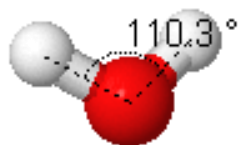
[SeF₅]⁻	
Central Atom	Selenium (Se)
Valence Shells	6
5 [F] atoms	5
Negative charge on [Se]	1
Total	12
Divide by 2	6
6 Electron Pairs	Square Pyramidal


 Refcode: *FERCBI10*

[BiCl₄]⁻	
Central Atom	Bismuth (Bi)
Valence Shells	5
4 [Cl] atoms	4
Negative charge on [Bi]	1
Total	10
Divide by 2	5
5 Electron Pairs	Seesaw

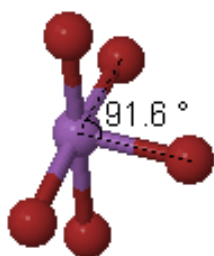

 Refcode: *CEKGUU01*

[N(CH₃)₃]	
Central Atom	Nitrogen (N)
Valence Shells	5
3 [C] atoms	3
No charge on [N]	0
Total	8
Divide by 2	4
4 Electron Pairs	Trigonal Pyramidal



Refcode: *ASPARM08*

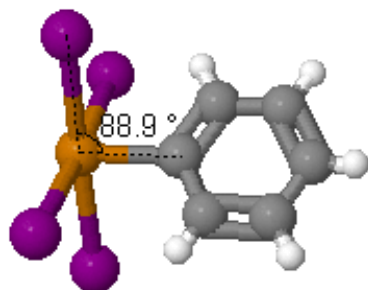
[H₂O]	
Central Atom	Oxygen (O)
Valence Shells	6
2 [H] atoms	2
No charge on [O]	0
Total	8
Divide by 2	4
4 Electron Pairs	Bent/Angular



Refcode: *CLPYSB*

[SbBr₅]²⁻	
Central Atom	Antimony (Sb)
Valence Shells	5
5 [Br] atoms	5
Negative charge on [Sb] (2-)	2
Total	12
Divide by 2	6
6 Electron Pairs	Square Pyramidal

Difficult Exercises



Refcode: *JASBUB*

[TeI₄(C₆H₅)]⁻	
Central Atom	Tellurium (Te)
Valence Shells	6
4 [I] & 1[C] atoms	5
Negative charge on [Te]	1
Total	12
Divide by 2	6
6 Electron Pairs	Square Pyramidal

[C(CN)₃]⁻	
Central Atom	Carbon (C)
Valence Shells	4
3 [C] atoms	3
Negative charge on [C]	1
Total	8
Divide by 2	4
4 Electron Pairs	Trigonal Pyramidal