



Number of unpaired electrons

Name _____ Date _____

In the following test please indicate the number of unpaired electrons at upper level based on Periodic table.

- | | | |
|-----------------------------------|------------------------------------|------------------------------------|
| (1) Ca : __
V : __
Zn : __ | (2) H : __
Sn : __
Ne : __ | (3) Se : __
Fe : __
K : __ |
| (4) Sb : __
He : __
Ar : __ | (5) N : __
Sr : __
Co : __ | (6) Al : __
He : __
Ar : __ |
| (7) Cl : __
Sc : __
Sn : __ | (8) Zn : __
Rb : __
P : __ | (9) Ti : __
Co : __
Cr : __ |
| (10) Cu : __
Fe : __
H : __ | (11) Pb : __
C : __
He : __ | (12) Ne : __
Ti : __
V : __ |
| (13) C : __
Sc : __
Zn : __ | (14) Se : __
Na : __
Al : __ | (15) Al : __
Cs : __
Ba : __ |



Answers

In the following test please indicate the number of unpaired electrons at upper level based on Periodic table.

- (1) Ca: 0; V: 2; Zn: 0
- (2) H: 1; Sn: 2; Ne: 0
- (3) Se: 2; Fe: 0; K: 1
- (4) Sb: 3; He: 0; Ar: 0
- (5) N: 3; Sr: 0; Co: 0
- (6) Al: 1; He: 0; Ar: 0
- (7) Cl: 1; Sc: 0; Sn: 2
- (8) Zn: 0; Rb: 1; P: 3
- (9) Ti: 0; Co: 0; Cr: 1
- (10) Cu: 1; Fe: 0; H: 1
- (11) Pb: 2; C: 2; He: 0
- (12) Ne: 0; Ti: 0; V: 2
- (13) C: 2; Sc: 0; Zn: 0
- (14) Se: 2; Na: 1; Al: 1
- (15) Al: 1; Cs: 1; Ba: 0