



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) | F : __
C : __
As : __ | (2) | Se : __
Sb : __
K : __ | (3) | V : __
B : __
Ca : __ |
| (4) | P : __
He : __
H : __ | (5) | Ti : __
C : __
K : __ | (6) | Ni : __
F : __
I : __ |
| (7) | Sc : __
Co : __
Mn : __ | (8) | Se : __
Mn : __
Na : __ | (9) | Li : __
Cl : __
Co : __ |
| (10) | Ca : __
S : __
Ti : __ | (11) | O : __
Sb : __
Ne : __ | (12) | Br : __
Cu : __
V : __ |
| (13) | Fe : __
Mn : __
Fe : __ | (14) | Si : __
Zn : __
P : __ | (15) | Ba : __
Mn : __
Ca : __ |



Answers

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

- (1) F: 1; C: 2; As: 3
- (2) Se: 2; Sb: 3; K: 1
- (3) V: 2; B: 1; Ca: 0
- (4) P: 3; He: 0; H: 1
- (5) Ti: 0; C: 2; K: 1
- (6) Ni: 0; F: 1; I: 1
- (7) Sc: 0; Co: 0; Mn: 0
- (8) Se: 2; Mn: 0; Na: 1
- (9) Li: 1; Cl: 1; Co: 0
- (10) Ca: 0; S: 2; Ti: 0
- (11) O: 2; Sb: 3; Ne: 0
- (12) Br: 1; Cu: 1; V: 2
- (13) Fe: 0; Mn: 0; Fe: 0
- (14) Si: 2; Zn: 0; P: 3
- (15) Ba: 0; Mn: 0; Ca: 0