

Cl^{-1}

Ni⁺²

Ni

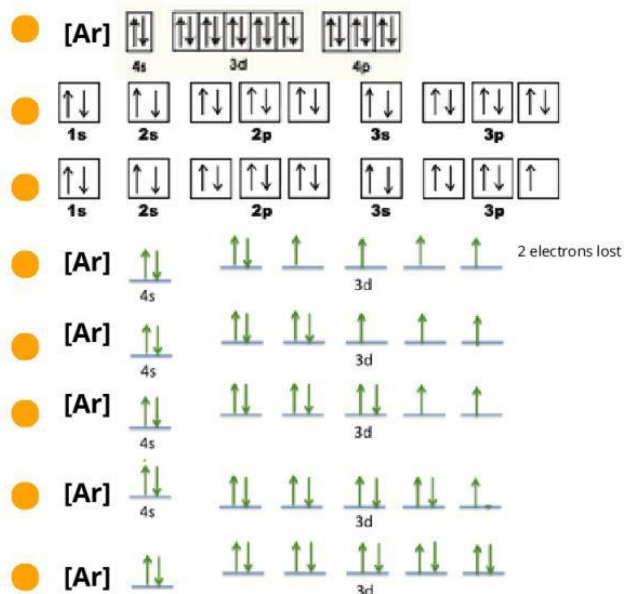
Zn

Co

C1

Kr

Cu



a. 1s 2s 2p

b. 1s 2s 2p

c. 1s 2s 2p

d. 1s 2s 2p

e. 1s 2s 2p

- Neon (Ne): $1s^2 2s^2 2p^6$
- Sodium (Na): $1s^2 2s^2 2p^6 3s^1$
- Chlorine (Cl): $1s^2 2s^2 2p^6 3s^2 3p^5$
- Calcium (Ca): $1s^2 2s^2 2p^6 3s^2 4s^2$
- Phosphorus (P): $1s^2 2s^2 2p^6 3s^2 3p^3$
- Argon (Ar): $1s^2 2s^2 2p^6 3s^2 3p^6$
- Sulfur (S): $1s^2 2s^2 2p^6 3s^2 3p^4$
- Rubidium (Rb): $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^1$
- Bismut (Bi): $[Xe] 6s^2 4f^{14} 5d^{10} 6p^3$