Configuration

H: $1s^1$

C: $1s^2 2s^2 2p^2$

Al: $1s^2 2s^2 2p^6 3s^2 3p^1$

Si: $1s^2 2s^2 2p^6 3s^2 3p^2$

Fe: $1s^2 2s^2 2p^6 3s^2 3p^6 3d^6 4s^2$