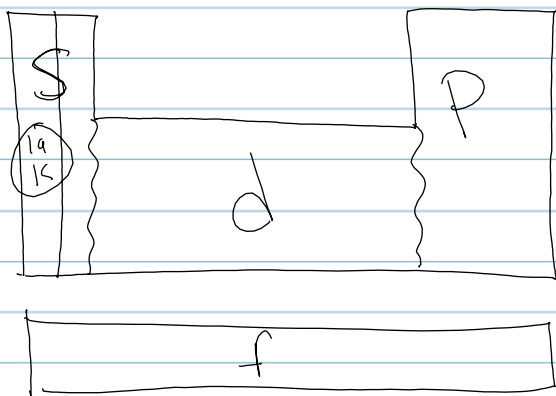


# Electron Configuration CH 1010

Find the ground state  $e^-$  configuration of Potassium (K)



protons = electron

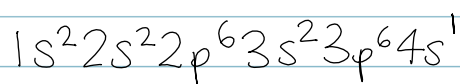
19  $e^-$

s = 2

p = 6

d = 10

f = 14



$$2 + 2 + 6 + 2 + 6 + 1 = 19 \text{ electrons}$$

s  $\rightarrow$  p 1<sup>st</sup> - 3<sup>rd</sup> rows

s  $\rightarrow$  d - p

\* (n-1) for example: Cr 3, ~~4~~  
(n-2) for example: La 4, ~~5~~