CHEMISTRY ~ ELECTRON CONFIGURATION REVIEW

For each element…

a) write the expected *condensed* (abridged or shortened) electron configuration
b) write the *valence* electron configuration
c) write how many electrons are in the valence shell
d) draw the orbital "boxes" of the valence configuration, labeled and filled in with electron "arrows"

sample orbital boxes:

s (full) p (full)

1) F
2) Ca
3) Zr
4) Sn
5) Xe
6) Hg
7) Fr
8) W
9) Be
10) He
11) Ne
12) Se
13) At
14) Cm
15) Mg