



## Valence Electrons and Ions

1. Complete the following table.

Element	Electron Configuration	# of electrons	# of valence electrons	Electron dot structure
Be				
O				
F				
Mg				
Si				
Cl				
Ca				
Se				
Rb				
Xe				

2. Write the electron configurations for the following ions.

a.  $F^-$

b.  $Ca^{+2}$

c.  $Al^{+3}$

d.  $O^{-2}$

3. Predict what ions will form from the following elements.

a. Na

b. I

c. Se

d. Mg

4. Complete the Section 6 review (p. 162 #10-15) on your own sheet of paper.