

Chapter 7

Determine the effective nuclear charge of the following elements

S, Li, and Al

Write the isoelectronic configuration for the following elements:

O, Na, and K

Using the periodic trend of ionic radii, put the following in order from Smallest to largest:

F, S^{2-} , Cl, and Se^{2-}

Find the following elements electronegativity values:

F, H, Se, and C

Which element has the smallest electron affinity (most negative)?

O, Br, or As

