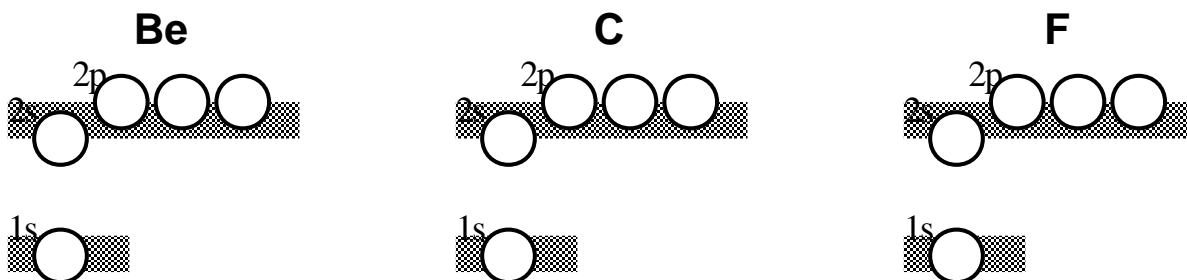


These three elements are in Period _____. Draw their orbital diagrams:



Write the equation for the first ionization energy of Be. What is the phase of Be? _____ (g)/(l)/(s)

Write the equation for the first ionization energy of F.

Looking at the four elements below, which of these elements would have the **largest** atomic size? _____

14	15
Si	P
28.09	30.97
32	33
Ge	As
72.59	74.92

What is your **explanation** for your answer above? _____

If beryllium turned into an ion, would the size of that ion be bigger or smaller than neutral Be? Explain. _____
