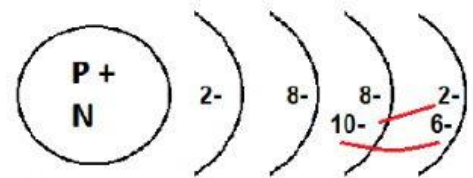


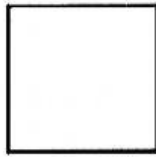
Electron Pattern



3. Repeat the process for the next three elements.

A. Oxygen

Protons _____ Neutrons _____ Electrons _____



Bohr Model



Dot Diagram

1 2
8 7 O 3 4
6 5

Family _____ Period _____

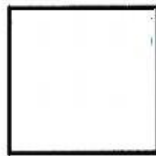
1 ● 2 ●
3 ● 4 ●
5 ● 6 ●
7 ● 8 ●

[View a periodic Table](#)

[Check the dot diagram](#)

B. Sulfur

Protons _____ Neutrons _____ Electrons _____



Bohr Model



Dot Diagram

1 2
8 7 S 3 4
6 5

Family _____ Period _____

1 ● 2 ●
3 ● 4 ●
5 ● 6 ●
7 ● 8 ●

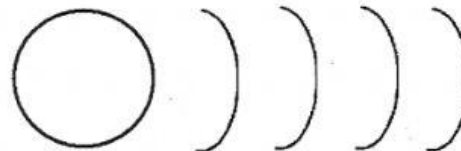
[Check the dot diagram](#)

C. Selenium

Protons _____ Neutrons _____ Electrons _____



Bohr Model



Dot Diagram

1 2
8 7 Se 3 4
6 5

Family _____ Period _____

1 ● 2 ●
3 ● 4 ●
5 ● 6 ●
7 ● 8 ●

[Check the dot diagram](#)

1. What do the models of these three elements have in common? _____

2. What pattern in location can you find in the periodic table? _____

3. What is the name of the electron located on the outside energy level? _____

4. What does the pattern and the number of valence electron have in common? _____