

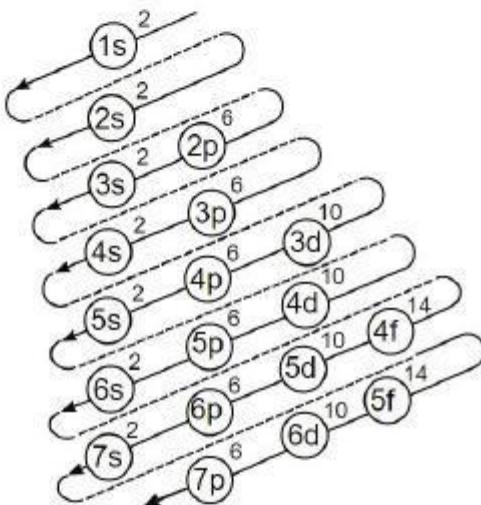
Colegio Valle Verde Carretera  
Integrated Science - 9th grade  
Margoth Díaz

## Electron configuration

**Instructions:**

Drag the complete electron configuration for the following elements, using the Möller diagram.

1. Argon: \_\_\_\_\_
2. Silver: \_\_\_\_\_
3. Silicon: \_\_\_\_\_
4. Chromium: \_\_\_\_\_
5. Zinc: \_\_\_\_\_



**1s2 - 2s2 - 2p6 - 3s2 - 3p6 - 4s2 - 3d10 - 4p6 - 5s2 - 4d9**

**1s2 - 2s2 - 2p6 - 3s2 - 3p2**

**1s2 - 2s2 - 2p6 - 3s2 - 3p6 - 4s2 - 3d10**

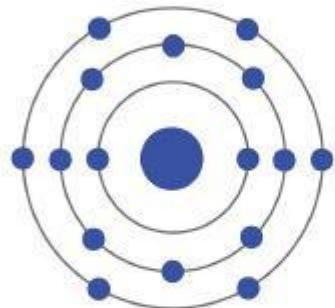
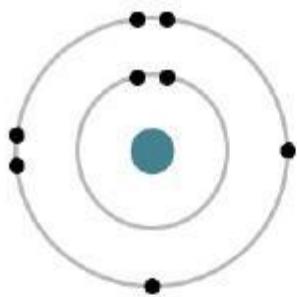
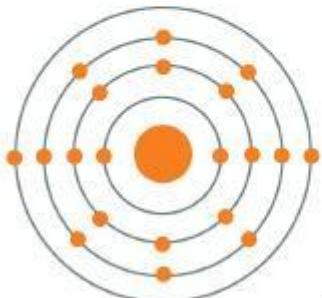
**1s2 - 2s2 - 2p6 - 3s2 - 3p6**

**1s2 - 2s2 - 2p6 - 3s2 - 3p6 - 4s2 - 3d4**

## Bohr's diagram

**Instructions:**

Choose the name of the element for the following diagrams:



## Macromolecules and The Cell

**Instructions:**

Choose the correct answer for the following questions.

1. Macromolecule that provides short-term energy storage for plants.
2. Macromolecule that forms the cell membrane of all cells.
3. Macromolecule that provides long-term energy for animals.
4. Macromolecules that storage the genetic material.
5. Which macromolecule would you eat if you needed a quick boost of energy?
6. Organelle that makes energy in the form of ATP for the cell.
7. Converts the sun's energy into sugars during the process of photosynthesis.
8. It is also known as the resting phase.
9. Cell division that leads into the reproduction of somatic cells.
10. Cell division that will only reproduce reproductive cells.