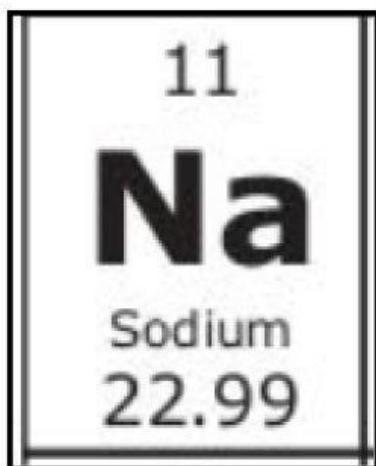




Atomic Number = _____

Atomic Mass = _____

of protons = _____

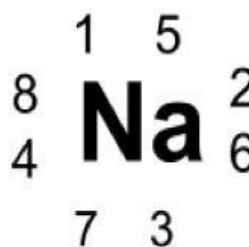
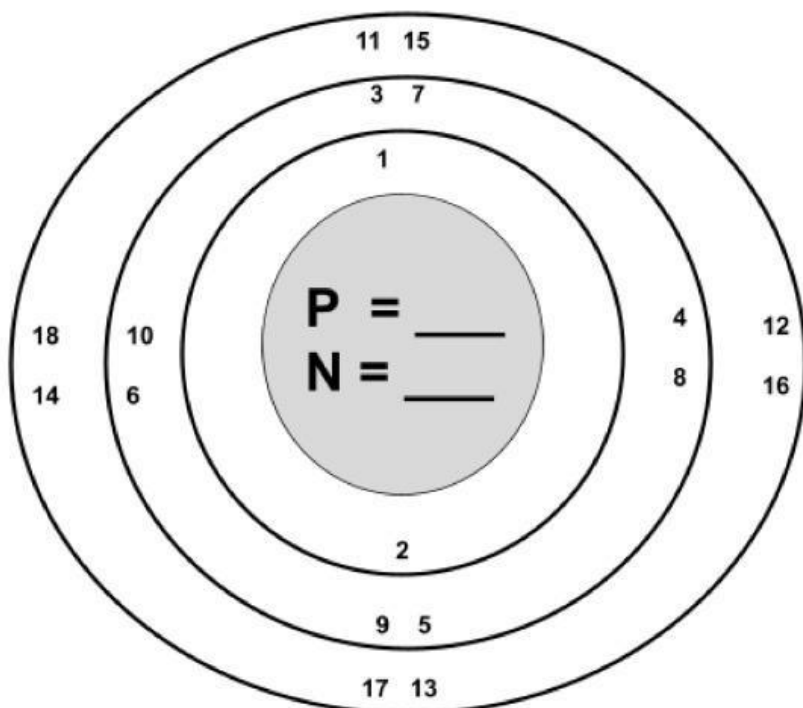
of neutrons = _____

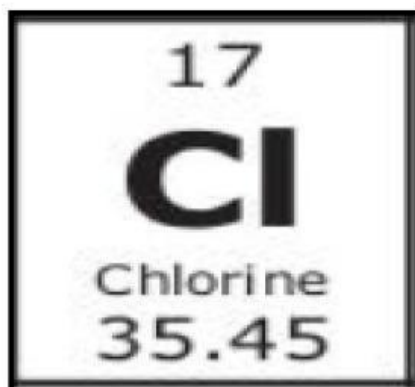
of electrons = _____

- Protons and neutrons are located in the _____
- Electrons are located in the _____
- Valence electrons are electrons in the _____ energy level.
- A bohr model will show _____.
- An electron dot model will show _____

Draw a Bohr Model

Draw an electron dot model





Atomic Number = _____

Atomic Mass = _____

of protons = _____

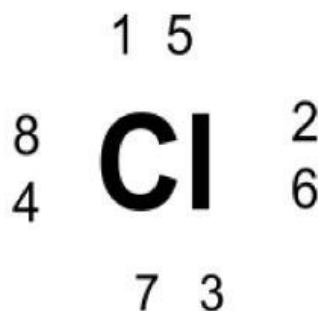
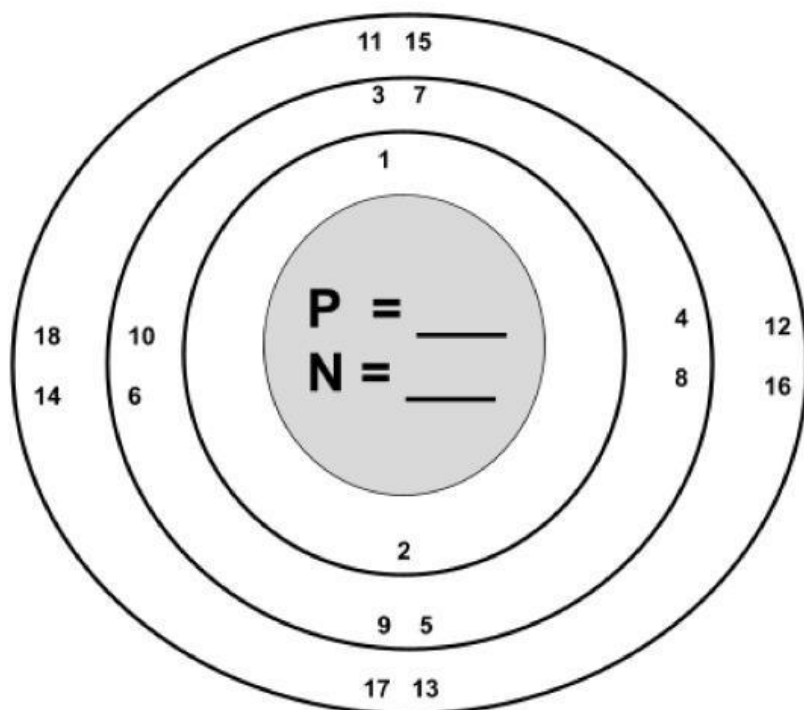
of neutrons = _____

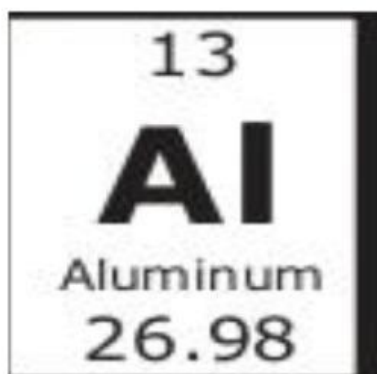
of electrons = _____

- Protons and neutrons are located in the _____
- Electrons are located in the _____
- Valence electrons are electrons in the _____ energy level.
- A bohr model will show _____.
- An electron dot model will show _____

Draw a Bohr Model

Draw an electron dot model





Atomic Number = _____

Atomic Mass = _____

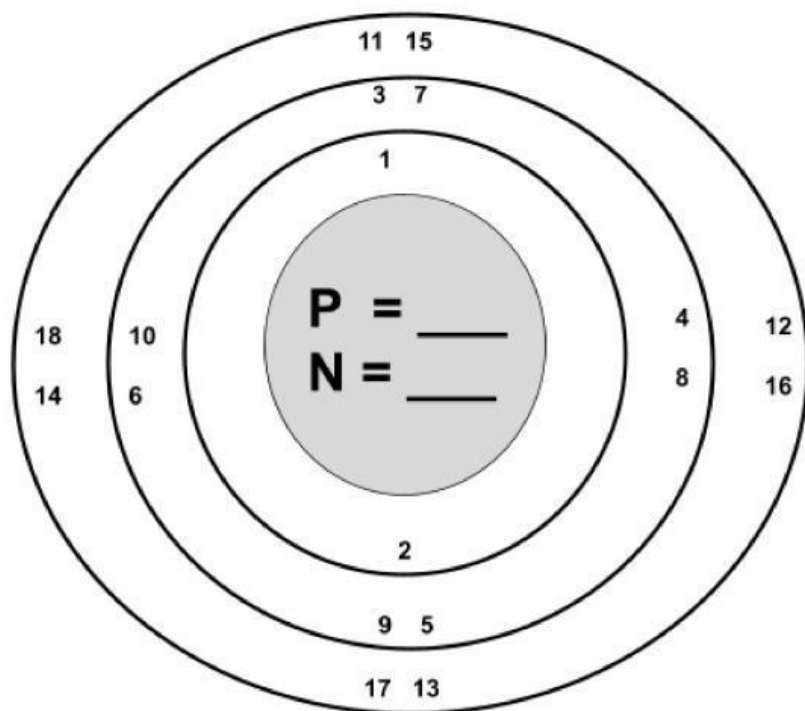
of protons = _____

of neutrons = _____

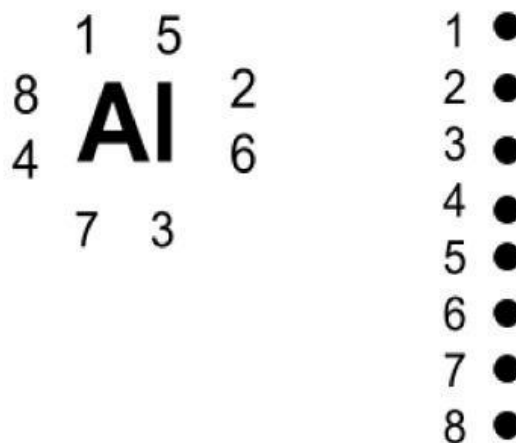
of electrons = _____

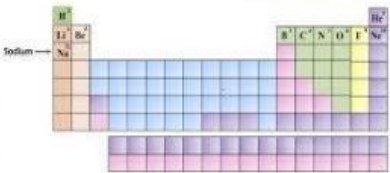
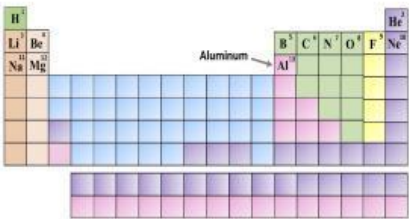
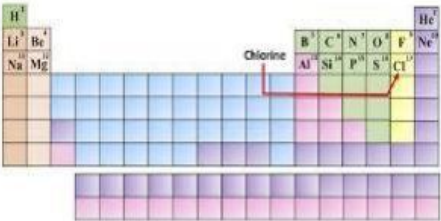
- Protons and neutrons are located in the _____
- Electrons are located in the _____
- Valence electrons are electrons in the _____ energy level.
- A bohr model will show _____.
- An electron dot model will show _____

Draw a Bohr Model

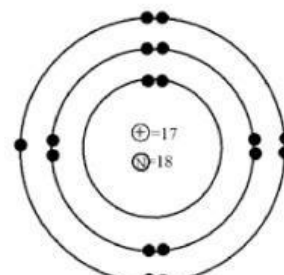
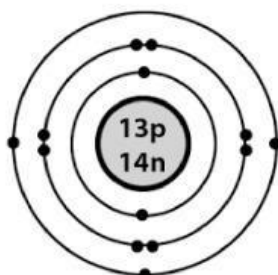
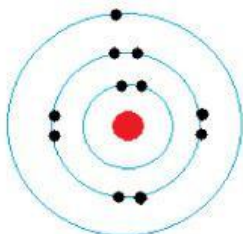


Draw an electron dot model



Element location on PT	Matching Bohr Model
The Periodic Table of the Elements  The Periodic Table of the Elements  The Periodic Table of the Elements 	

What connection do you see between the rows on the periodic table and the placement of electrons in the bohr model?



15
P
Phosphorus
30.97

Atomic Number = 15

Atomic mass = 31

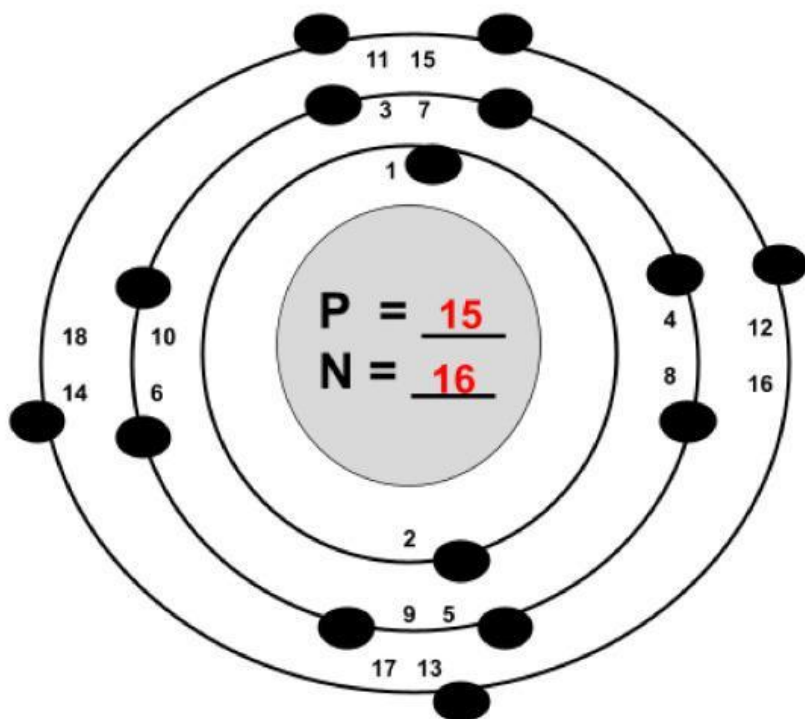
of protons = 15

of neutrons = 16

of electrons = 15

- Protons and neutrons are located in the **nucleus**
- Electrons are located in the **electron cloud outside the nucleus**
- Valence electrons are electrons in the **outermost** energy level.
- A bohr model will show **all electrons orbiting the nucleus**.
- An electron dot model will show **only valence electrons**

Draw a Bohr Model



Draw an electron dot model

