

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 _____

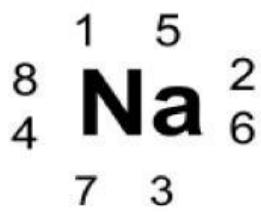
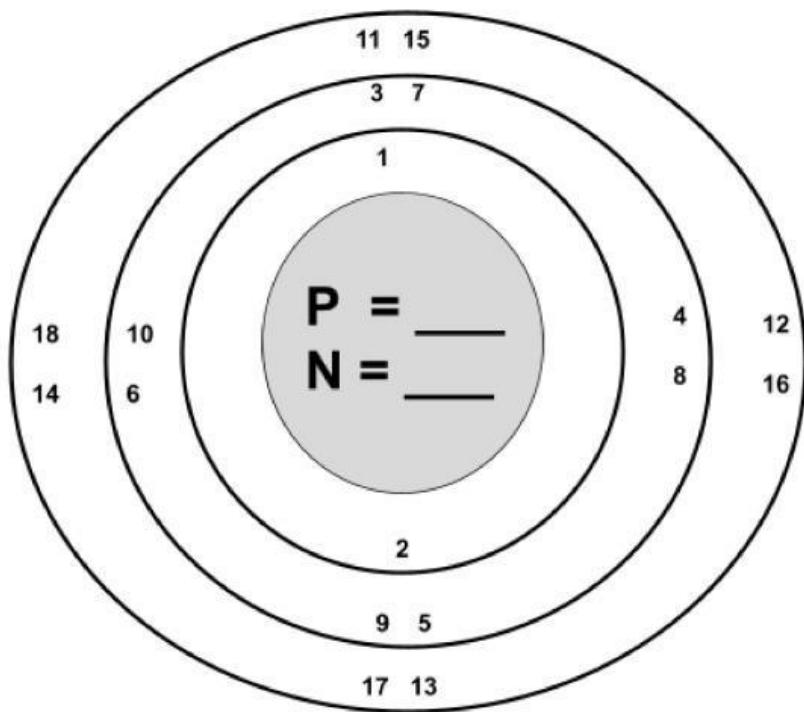
Longhand Electron configuration: _____

Select correct orbital diagram $1S \downarrow \uparrow 2S \downarrow \uparrow 2P \downarrow \uparrow \downarrow \uparrow \uparrow 3S \downarrow \uparrow 3P \uparrow \quad \quad$
 $1S \downarrow \uparrow 2S \downarrow \uparrow 2P \downarrow \uparrow \downarrow \uparrow \uparrow 3S \uparrow$

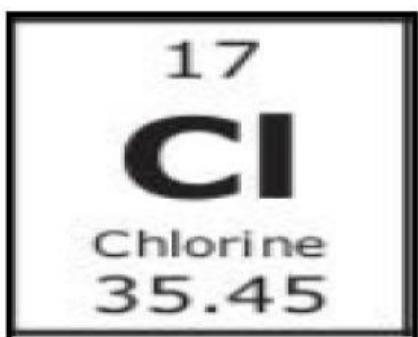
Noble Gas Electron configuration: _____

Draw a Bohr Model

Draw an electron dot model



1 ●
2 ●
3 ●
4 ●
5 ●
6 ●
7 ●
8 ●



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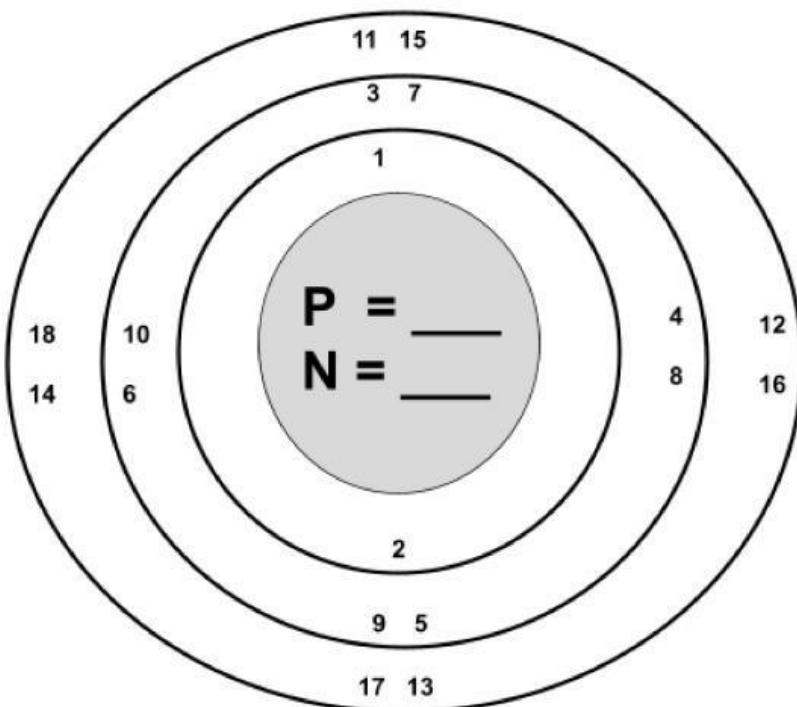
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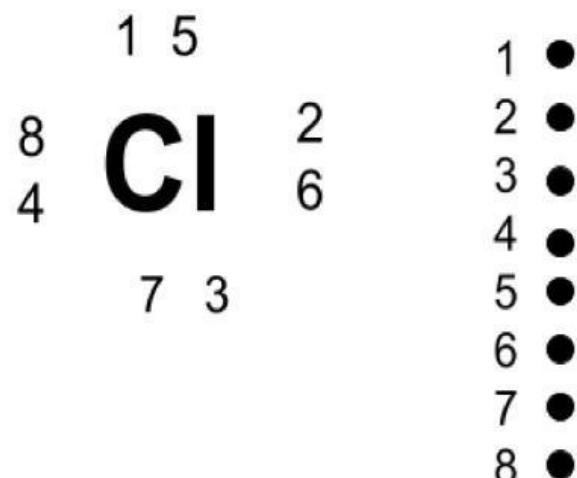
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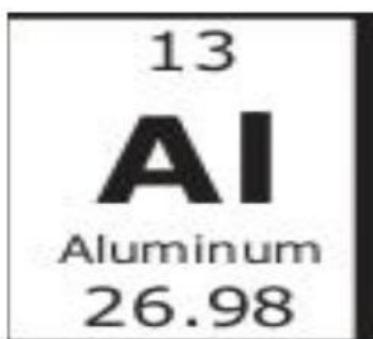
Noble Gas Electron configuration: _____

Draw a Bohr Model



Draw an electron dot model





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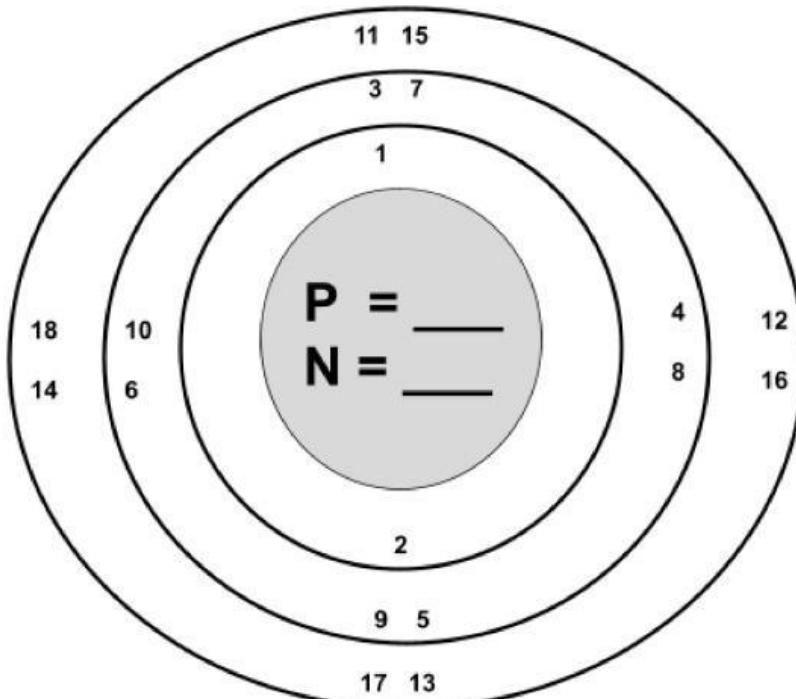
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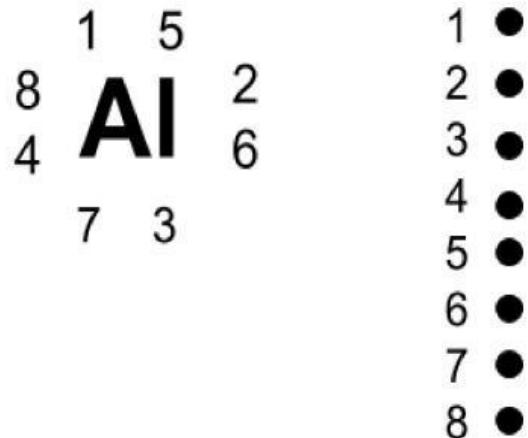
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Noble Gas Electron configuration: _____

Draw a Bohr Model



Draw an electron dot model



Element location on PT	Matching Bohr Model
<p>The Periodic Table of the Elements</p>	
<p>The Periodic Table of the Elements</p>	
<p>The Periodic Table of the Elements</p>	

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

