

**Periodic Trends**  
*Graphic Organizer*

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Periodic Trends

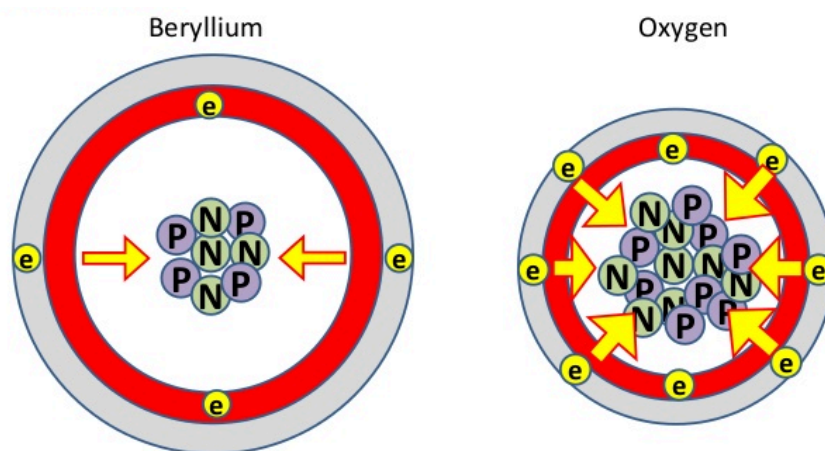
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Atomic Radius

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Nuclear Charge



Valence Electron and Energy Level

## Ionization Energy

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Why is the first ionization energy for carbon greater than boron?

What has a larger second ionization energy, sodium (Na) or magnesium (Mg)? Justify

## Electron Affinity

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