

Give a brief explanation of how the periodic table was developed-

What is Effective nuclear charge?

Explain the Screening effect-

How do we calculate the effective nuclear charge?

How does  $Z_{\text{eff}}$  change in a family? Explain why-

How does  $Z_{\text{eff}}$  change in a period? Explain why-

How does atomic size change in a family? Explain why-

How does atomic size change in a period? Explain why-

How does atomic radii size change in cations? Explain why-

How does atomic radii size change in anions? Explain why-