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Ne: $1s^2 2s^2 2p^6$

N-13

Ar: $1s^2 2s^2 2p^6 3s^2 3p^6$

Kr: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$

Xe: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^6$

A short cut method of writing configurations

Since noble gases are "special" – reference all configurations against the PREVIOUS noble gas

- 1) Find the previous noble gas
- 2) Write that noble gas in brackets []
- 3) List any remaining electron configuration left over until you get to the element you are trying to write

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