

Atoms and Electron distribution

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Page 7 of 7

Elements	Symbol	Nucleon number	Protons	Neutrons	Electron distribution	Charge
Sulfur	S	32	16	16	2,8,7	If electrons= 17 (-17+16) -1
Potassium	K	39	19	20	2,8,8,1	If electrons= 19 (-19+19=0) 0
Neon	Ne	20	10	10	2,8,1	If electrons= 11 -1
Calcium	Ca	40	20	20	2,8,8	If electrons=18 2

- If number of protons= number of electrons then charge is 0.
- More Protons than electrons = positive charge
- More electrons than protons = negative charge