

Samar Gupta

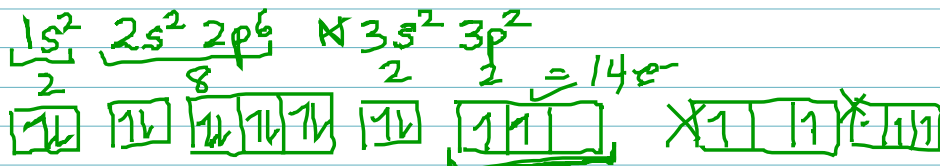
Electronic Configurations: spdf and box notations.

7N



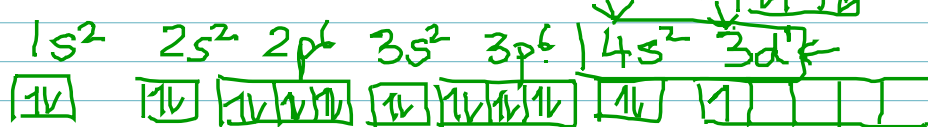
↑ ↑

14Si



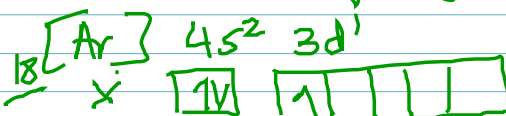
degenerate = same energy

→ 21Sc

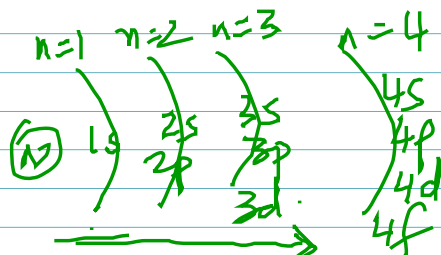


noble
 gas
 config

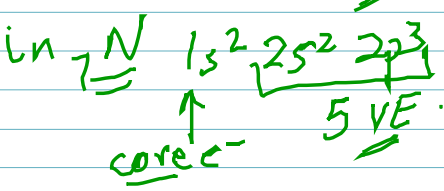
select the noble gas just before the last shell.



Core & Valence Electrons:

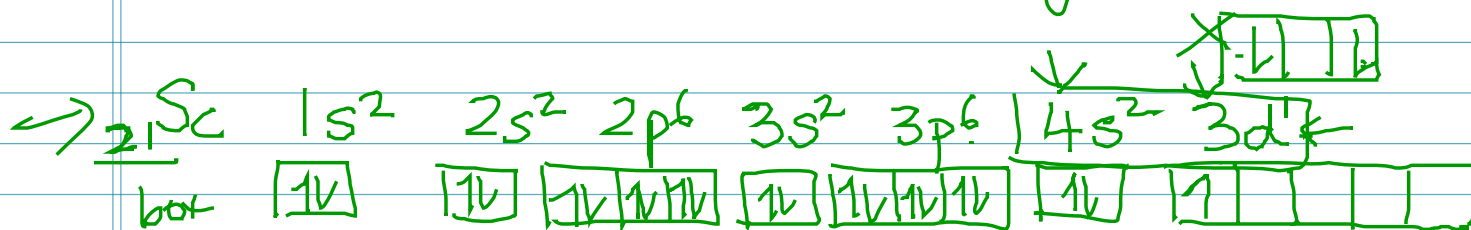
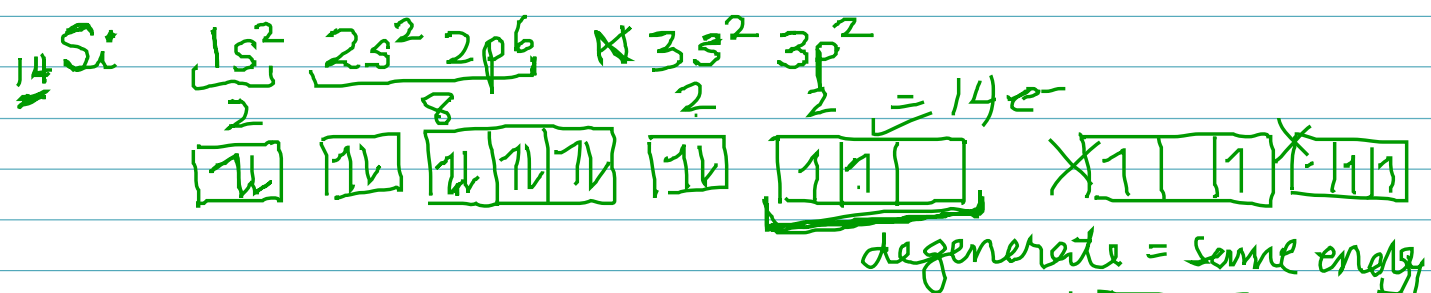
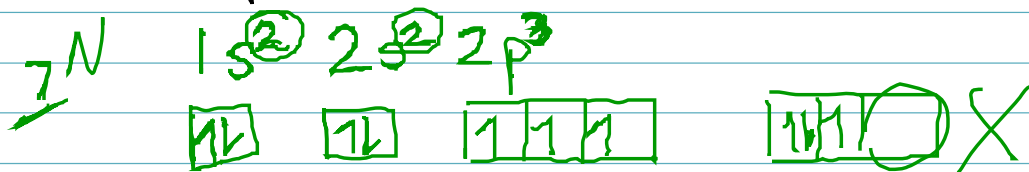


outermost shell
 = valence shell
 e⁻ in valence shell
 = valence e⁻

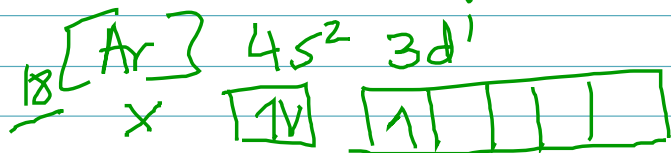


Sapna Gupta

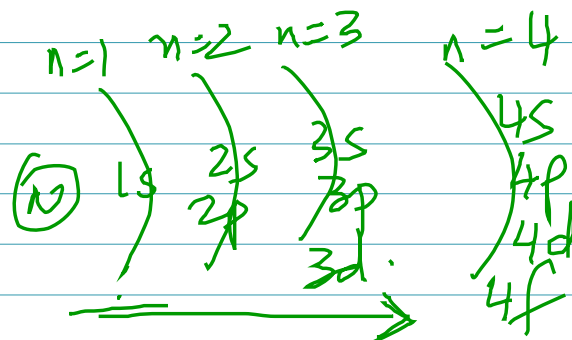
Electronic Configurations: spdf and box notations.



noble gas config select the noble gas just before the last shell.



Core & Valence Electrons:



outermost shell = valence shell
e⁻ in valence shell = valence e⁻

