Electron configuration of atoms and ions, exam tips

• What is an orbital? A region in space where an electron is most likely to be found.

• Remember to fill and empty the 4s orbital before 3d

• Be careful with both chromium and copper, their stable electronic configurations are written as...

 **Cr**: 1s22s22p63s23p64s13d5

 **Cu**: 1s22s22p63s23p64s13d10

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