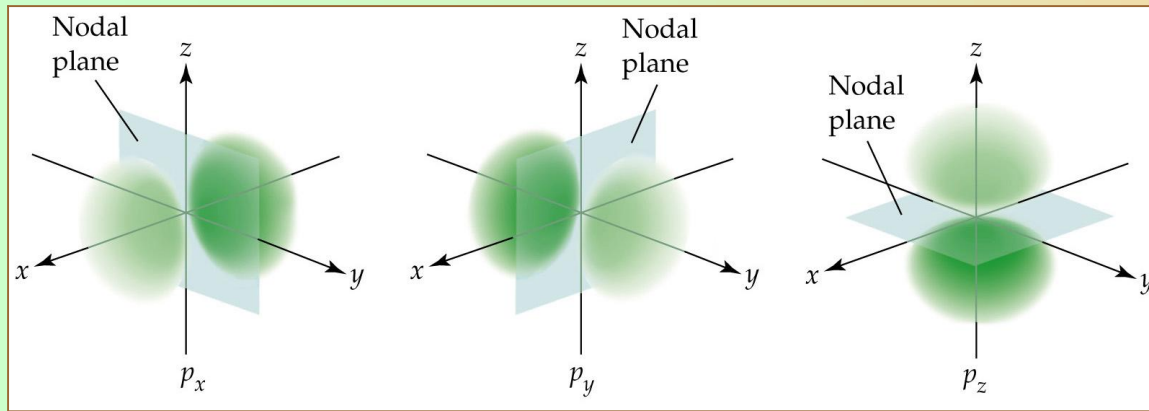


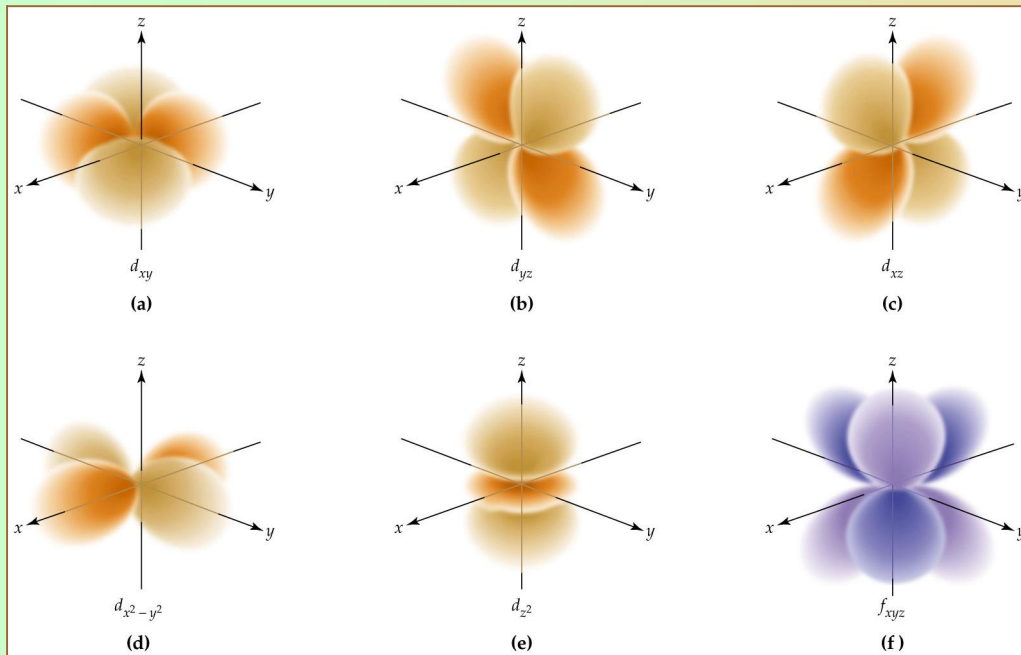
Shapes of orbitals



"p" orbitals

Two lobes, separates by a node at the nucleus.

http://wps.prenhall.com/wps/media/objects/602/616516/Media_Assets/Chapter05/Text_Images/FG05_12.JPG



"d" orbitals

- Four lobes
- Two lobes and a doughnut in a plane.

http://wps.prenhall.com/wps/media/objects/602/616516/Media_Assets/Chapter05/Text_Images/FG05_13.JPG