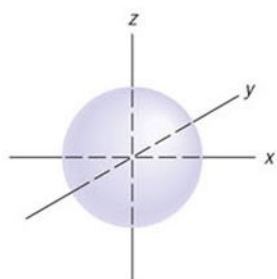


The third shell  
( $n = 3$ )

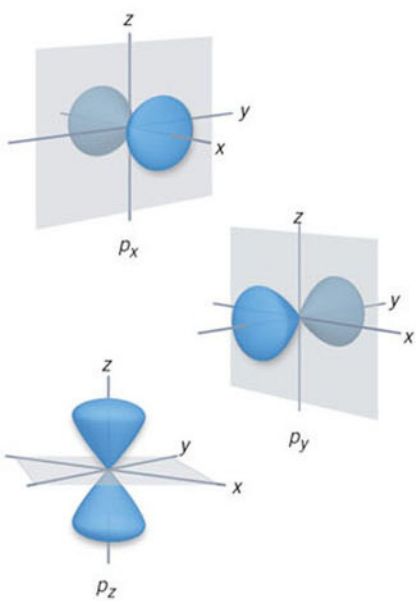
3s

3p

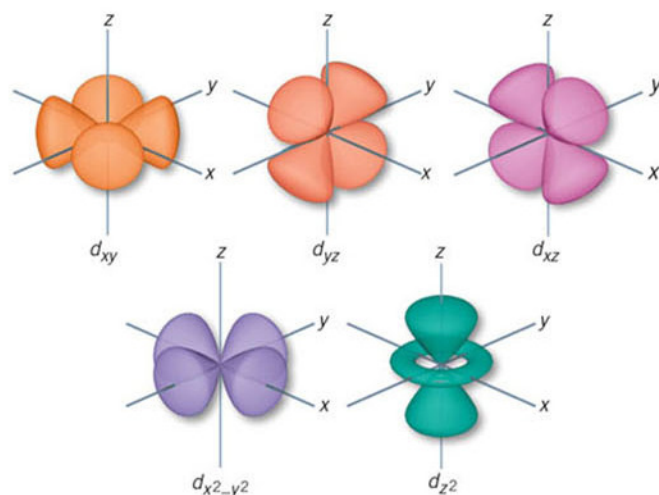
3d



s subshell



p subshell



d subshell