
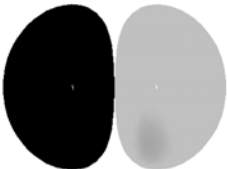



Name _____

1. Complete the tables below

Orbital Name	1s	2s	3s
n			
<i>l</i>			
# angular nodes			
# radial nodes			
Sketch of Orbital (cross section)			

Orbital Name	2p	3p	4p
n			
<i>l</i>			
# angular nodes			
# radial nodes			
Sketch of Orbital (cross section)			

Orbital Name	3d	4d	5d
n			
<i>l</i>			
# angular nodes			
# radial nodes			
Sketch of Orbital (cross section)			

Sketch the cross-section of a 6s orbital below.