

2p



2s



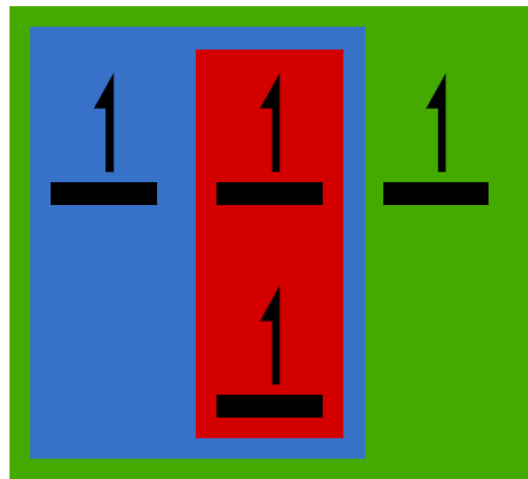
1s



a) Ground State



b) Excited State



sp^3

sp^2

sp

c) Hybridizations