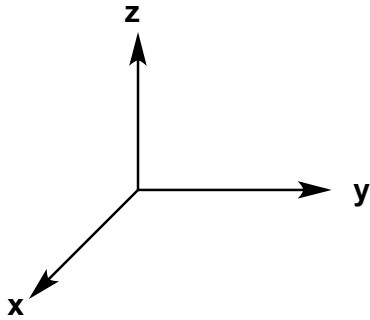
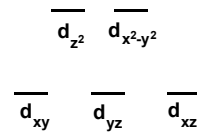


# D-orbital splitting diagrams

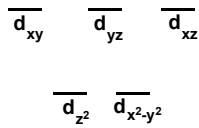
Use crystal field theory to generate splitting diagrams of the d-orbitals for metal complexes with the following coordination patterns:



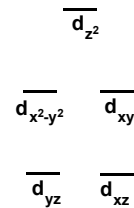
## 1. Octahedral



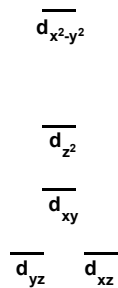
## 2. Tetrahedral



## 3. Trigonal bipyramidal



## 4. Square pyramidal



## 5. Square planar

