


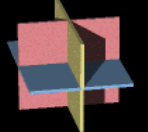
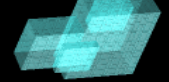

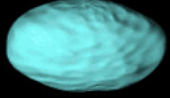
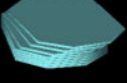

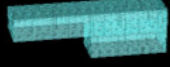

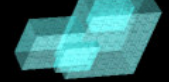

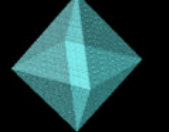



Some Common Cleavage Structures

Print this and keep it in your notebook along with your notes on Properties of Minerals Used for Identification.

Number of Cleavage Directions	Description	Sketch	Illustration of Cleavage Directions
2 not at 90°	Prismatic cleavage: Elongated form with parallelogram cross sections (prisms) and parts of such forms		
3 at 90°	Cubic cleavage: Shapes made of cubes and parts of cubes		
3 not at 90°	Cubic cleavage: Shapes made of cubes and parts of cubes		

Number of Cleavage Directions	Description	Sketch	Illustration of Cleavage Directions
0 No cleavage, only fracture	No cleavage: Irregular masses with no flat surfaces		None
1	Basal cleavage: "Books" that split apart along flat sheets		
2 at 90°	Prismatic cleavage: Elongated form with rectangular cross sections (prisms) and parts of such forms		

Number of Cleavage Directions	Description	Sketch	Illustration of Cleavage Directions
3 not at 90°	Cubic cleavage: Shapes made of cubes and parts of cubes		
4	Octahedral cleavage: Shapes made of octahedrons and parts of octahedrons		
6	Dodecahedral cleavage: Shapes made of dodecahedrons and parts of dodecahedrons	