

Crystal family(6)	Crystal system(7)	Required symmetries	Point groups	Space groups	Bravais lattices	Lattice system
Triclinic		None	2	2	1	Triclinic
Monoclinic		1 twofold or 1 mirror	3	13	2	monoclinic
Orthorhombic		3 or 1 twofold & 2 mirror	3	59	4	Orthorhombic
Tetragonal		1 fourfold	7	68	2	Tetragonal
Hexagonal	Trigonal	1 threefold	5	7	1	Rhombohedral
				18	1	Hexagonal
	Hexagonal	1 sixfold	7	27		
Cubic		3 fourfold	5	36	3	Cubic
6	7	Total	32	230	14	7