

Table 1: Noble polyhedra.







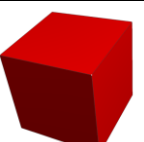
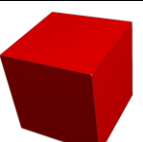
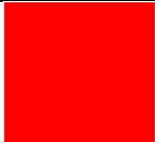
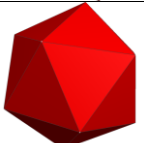
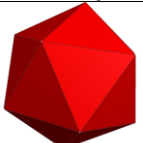
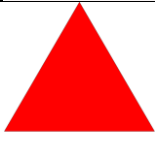
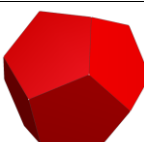
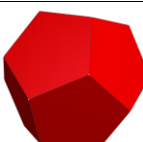
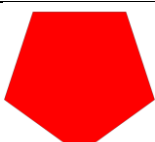





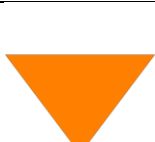






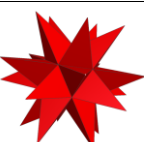

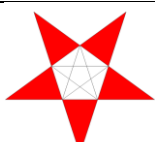
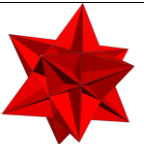
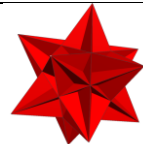
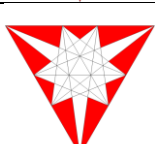
Source Polyhedron, Weninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
Convex noble polyhedra with regular faces								
W1	3 2 3		W1_sd				4	3-gon
W2	4 2 3		W2	W3			8	3-gon
W3	3 2 4		W3	W2			6	4-gon
W4	5 2 3		W4	W5			20	3-gon
W5	3 2 5		W5	W4			12	5-gon
Convex noble polyhedra with non-regular faces								
			Disphenoid				4	3-gon
				Disphenoid_d			4	3-gon
Nonconvex noble polyhedra with regular faces								
W20	5 2 5/2		W20	W21			12	5-gon
W21	5/2 2 5		W21	W20			12	5-gon
W22	3 2 5/2		W22	W41			12	5-gon
W41	5/2 2 3		W41	W22			20	3-gon

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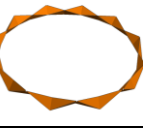
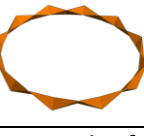
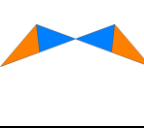
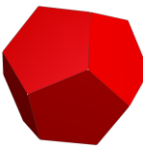
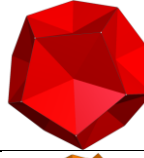
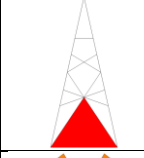
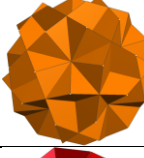
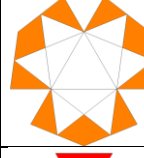
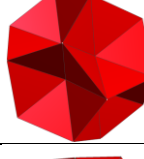
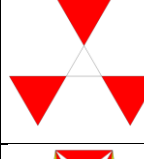
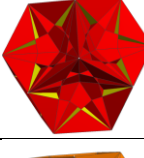
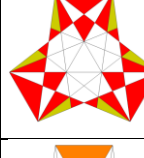
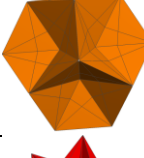
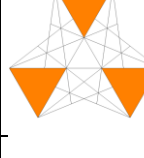
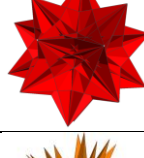
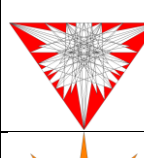
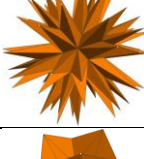
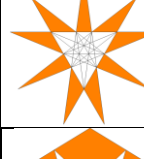



Source Polyhedron, Wenninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
Crown polyhedra								
			Crown				n	4-gon
				Crown_d			n	4-gon
Nonconvex noble polyhedra with non-regular faces								
W5	3 2 5		W5_01				60	3-gon
				W5_01_d			20	9-gon
			W5_02_sd				20	6-gon
			W5_03				60	4-gon (3 coplanar)
				W5_03_d			20	12-gon
			W5_04				60	3-gon
				W5_04_d			20	9-gon
W8	2 3 4		Brückner 22,8 (5,2)				24	6-gon

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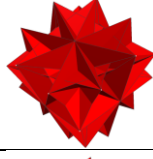
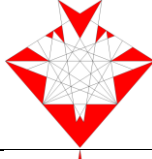
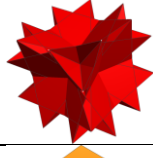
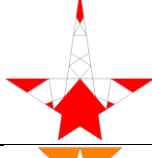
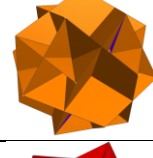
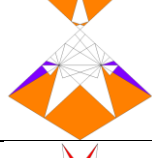
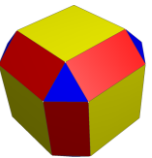
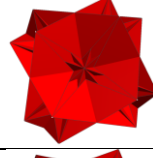
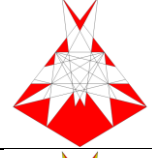
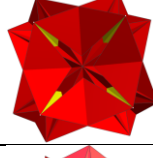
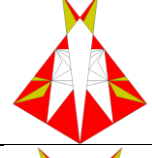
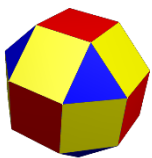
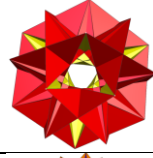

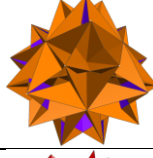
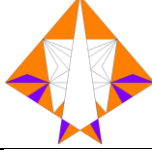
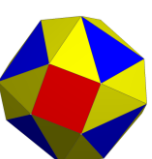
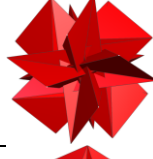
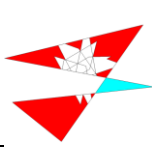
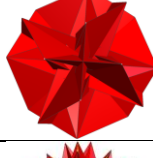
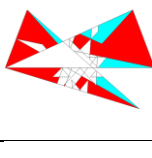
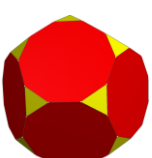
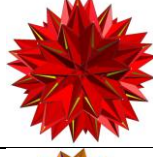
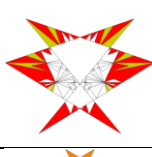
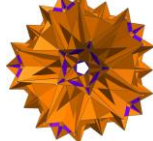

Source Polyhedron, Wenninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
W8	2 3 4			Brückner 23,12 (7,4)			24	6-gon
			W8_01, Brückner 24,5				24	5-gon
			Brückner 24,6	W8_01_d			24	5-gon
Distorted W13			Brückner 23,7 (5,7) _sd				24	5-gon
			Brückner 24,4 (6,13)_sd				24	6-gon
W13	3 4 2		Brückner 24,3 (4,5)				24	6-gon
				Brückner 24,9 (4,5)			24	6-gon
Distorted W17			Brückner 25,12_half_sd				24	5-gon
			Brückner 26,12 (9,1)_half_sd				24	6-gon
W10	2 3 5		W10_01, Brückner 26,5				60	6-gon
			Brückner 27,2	W10_01_d			60	6-gon

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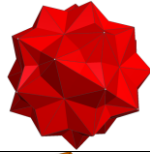
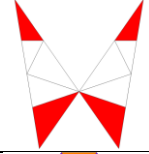
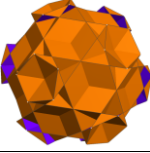
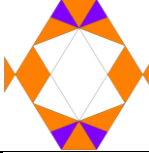
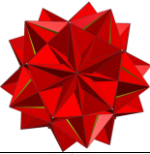

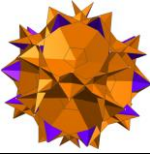
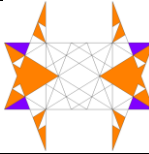


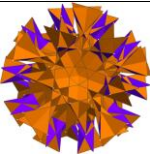

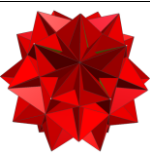
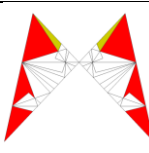
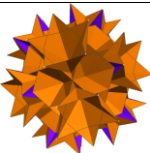
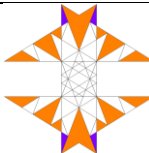


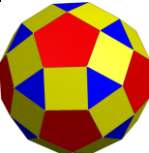
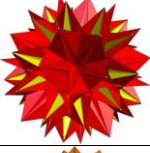
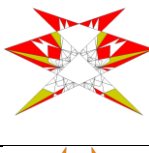
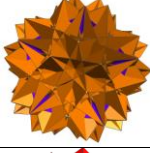
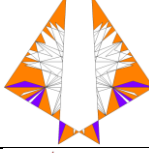
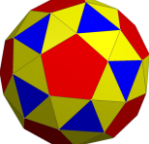
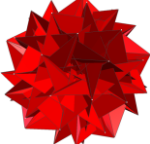
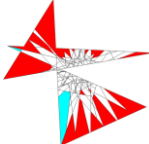
Source Polyhedron, Wenninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
W12	2 3 5		W12_01, Brückner 25,9				60	4-gon
			Brückner 24,12	W12_01_d			30	8-gon
			W12_03, Brückner 25,6				60	4-gon
			Brückner 24,10	W12_03_d			30	8-gon
			W12_04, Brückner 25,7				120	3-gon
			Brückner 26,11	W12_04_d			30	12-gon
			W12_05, Brückner 25,4				60	4-gon
			Brückner 24,11	W12_05_d			30	8-gon
				W12_06_d			30	12-gon
W14	3 5 2		W14_04, Brückner 27,1				60	6-gon
			Brückner 27,3	W14_04_d			60	6-gon
	Distorted W18		Brückner 29,5 (19,1)_half_sd				60	6-gon

Table 1: Noble polyhedra.

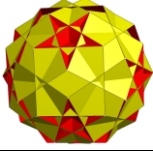


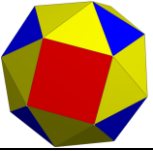
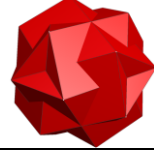

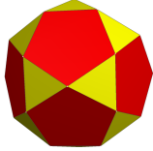
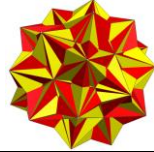
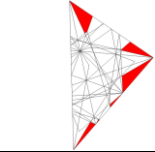
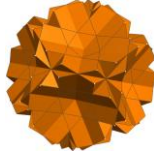


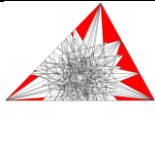
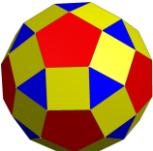
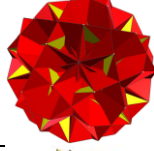
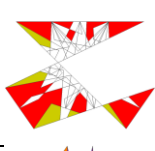
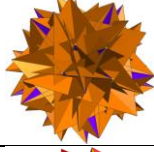
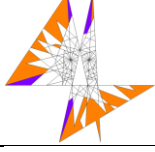
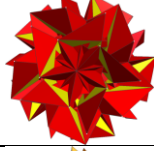
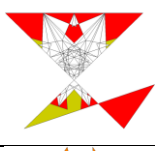
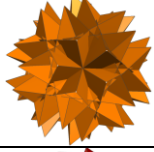
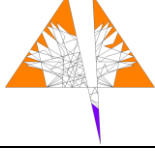
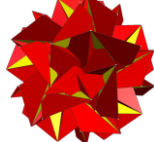
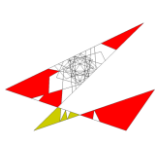
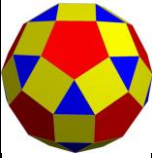
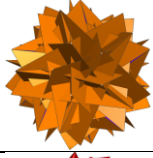
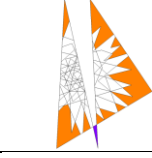
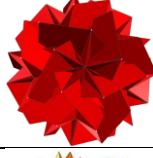
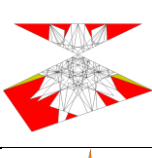
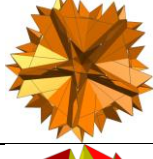
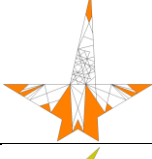
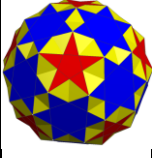
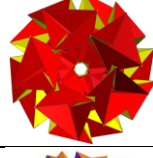
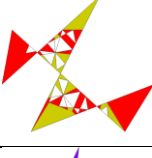
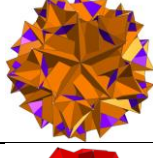
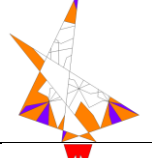
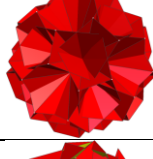
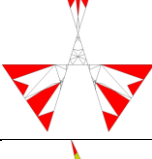
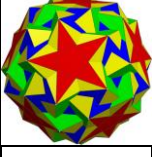
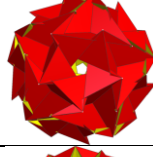
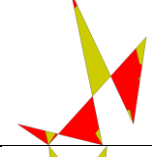
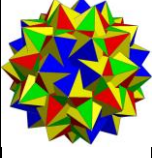
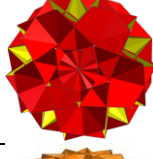
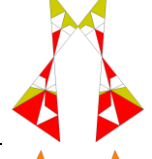
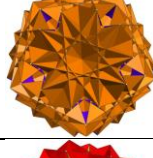
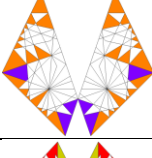
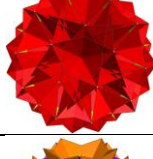
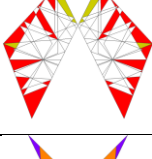
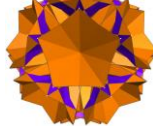

Source Polyhedron, Wenninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
W96	2 5/2 3		W96_01_sd, Brückner 28,3				60	6-gon
Nonconvex noble polyhedron with non-regular faces discovered by Robert Webb								
W17	2 3 4		W17_01_sd				24	5-gon
Nonconvex noble polyhedra with non-regular faces previously unpublished								
W12	2 3 5		W12_02				120	3-gon
				W12_02_d			30	12-gon
			W12_06				120	3-gon
W14	3 5 2		W14_03				60	6-gon
				W14_03_d			60	6-gon
			W14_05				60	5-gon
				W14_05_d			60	5-gon
			W14_06				60	5-gon

Table 1: Noble polyhedra.

Source Polyhedron, Wenninger Number	Source Polyhedron Wythoff Symbol	Source Polyhedron	Noble Polyhedron Number	Dual of Noble Polyhedron	Noble Polyhedron	Face	Number of Faces	Face Type
W14	3 5 2			W14_06_d			60	5-gon
			W14_07			60	5-gon	
				W14_07_d			60	5-gon
W110	5/2 3 3			W110_01			60	6-gon
				W110_01_d			60	6-gon
			W110_02_sd				60	6-gon
W112	5/3 3 5			W112_01_sd			60	6-gon
W115	5/3 5/2 3			W115_01			60	6-gon
				W115_01_d			60	6-gon
				W115_02			60	6-gon
				W115_02_d			60	6-gon