

**RHOMBIC ENNEACONTAHEDRON: METETRONIC EARTH GRID  
(INTERFACE WITH PENTA DODECAHEDRON)**

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**SHAPING SPACE with the RHOMBIC HEXAHEDRON**

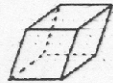
Number n	1	2	3	4	5	6	7	8
A. TOTAL FACES $n(n+1)(n+2)$	6	24	60	120	210	336	504	720
B. OUTSIDE FACES $(n+1)(n+2)$	6 R.H	12 R.D	20 R.I	30 R.T	42	56	72	90 R.E
C. TOTAL FACES/OUTSIDE FACES A/B	1	2	3	4	5	6	7	8
D. # of PARALLEL HEXAHEDRA per POLYHEDRON	1	2	3	4	5	6	7	8
E. # of PLANES per POLYHEDRON B/2	3	6	10	15	21	28	36	45
F. # of HEXAHEDRA per POLYHEDRON A/6	1	4	10	20	35	56	84	120
G. INTERNAL VERTICES $(N-1)N(N+1)/6$	0	1	4	10	20	35	56	84
H. # of AXES $n+2$	3	4	5	6	7	8	9	10
I. # of ZONES $n+2$	3	4	5	6	7	8	9	10

HARMONICS - FREQUENCIES

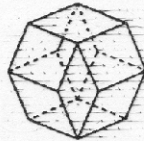
1st 2nd

3rd

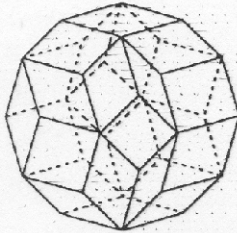
4th



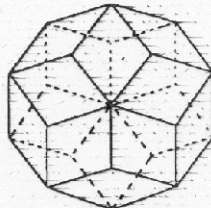
Rhombic Hexahedron



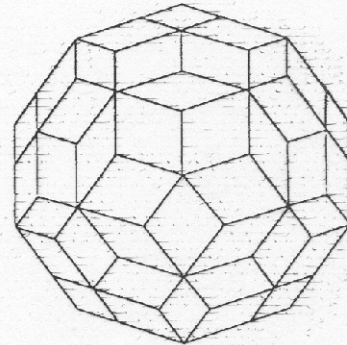
Rhombic Dodecahedron



Rhombic Triacontahedron



Rhombic Icosahedron



Rhombic Enneacontahedron

(MARVIN SOLIT)

**RHOMBICS**

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