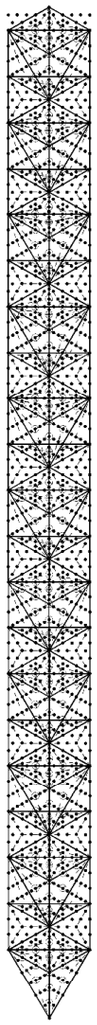
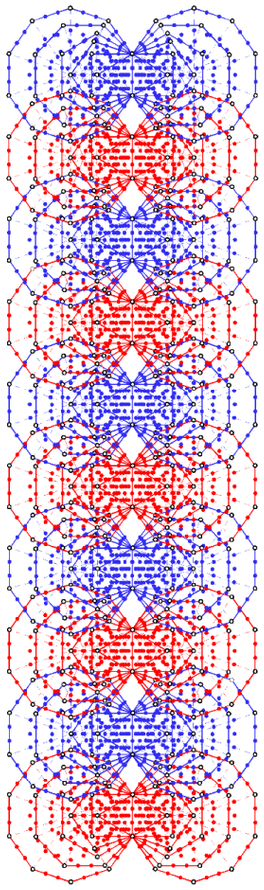
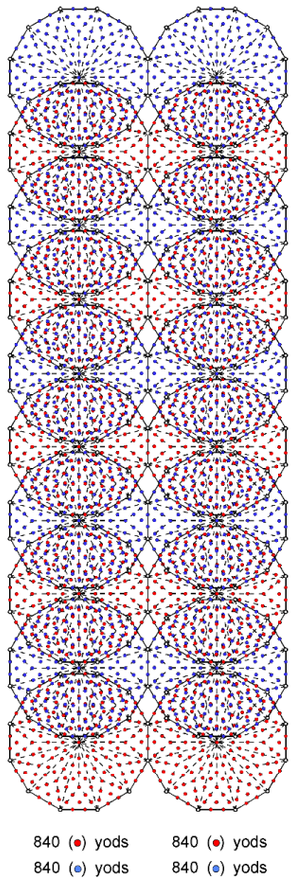
# How sacred geometries embody the superstring structural parameter 1680



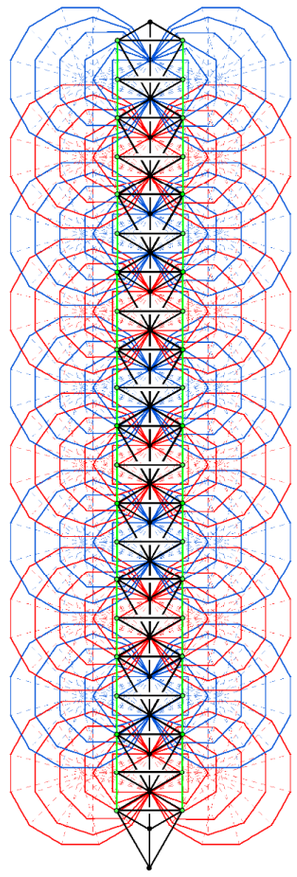
Below the top of the 10th Tree of Life are 1680 yods.



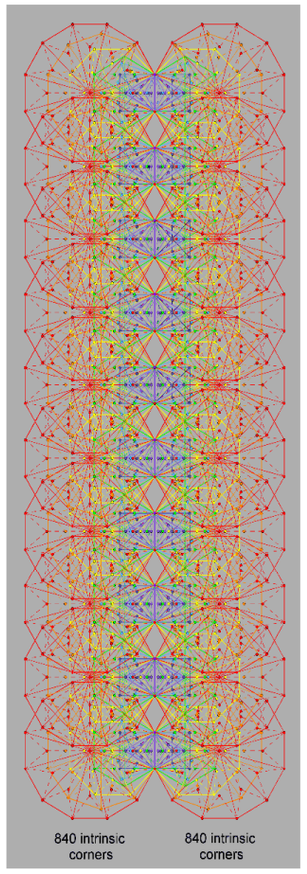
1680 yods other than polygonal corners are associated with each set of the first 6 polygons enfolded in 10 Trees of Life.



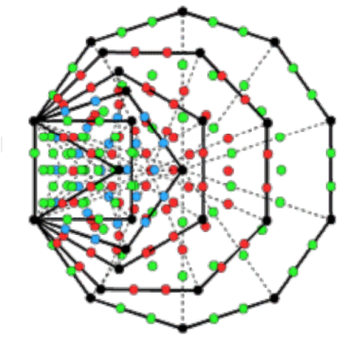

1680 yods other than corners belong to each set of Type B dodecagons enfolded in 10 Trees of Life.



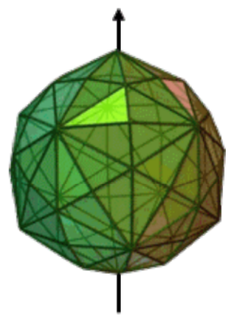
Each set of 7 polygons enfolded in 10 Trees of Life have 1680 points, lines & triangles outside their root edges unshared with the outer Tree.




The 940 sectors of the (7+7) polygons enfolded in 10 Trees of Life have 1680 intrinsic corners unshared with the outer Tree.



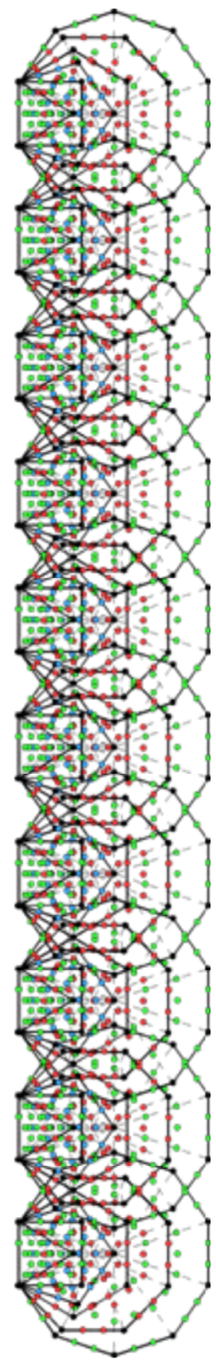
24(●) + 78(●) + 66(●)
pentagon triangle hexagon
square octagon
decagon

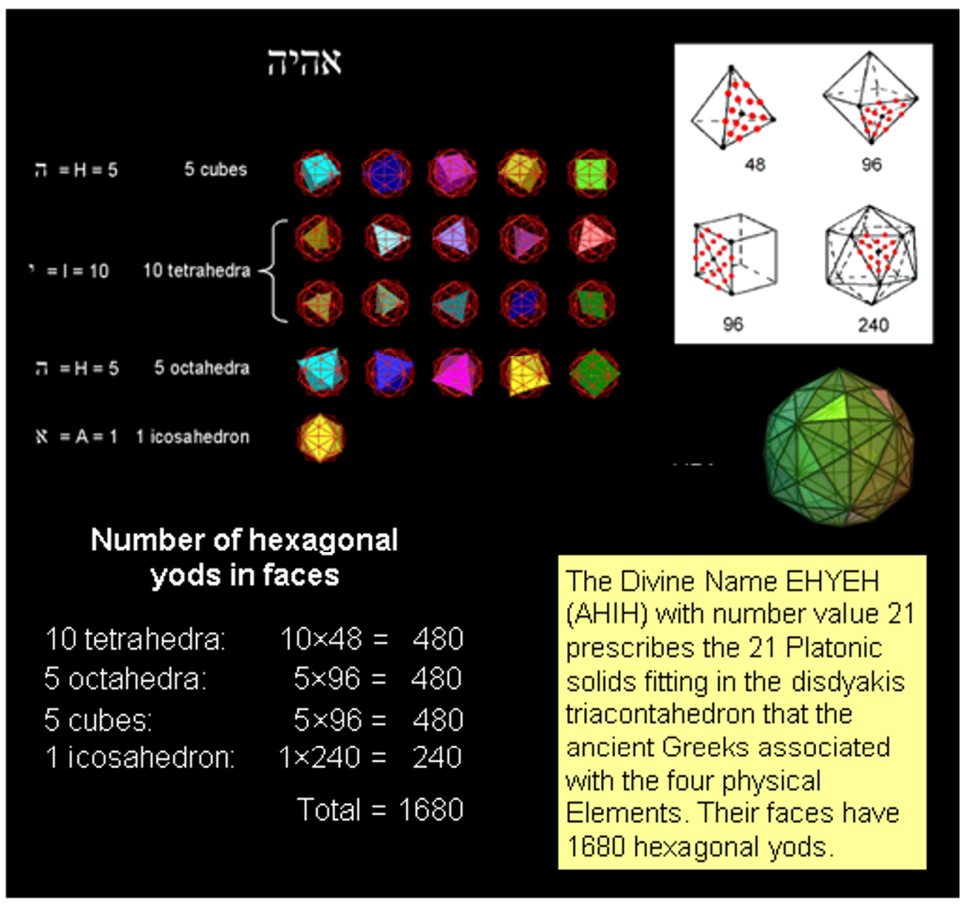


**240 vertices**
**780 edges**
**660 triangles**

240 (●) + 780 (●) + 660 (●)

1680 points, lines & triangles surround an axis of the disdyakis triacontahedron when the internal triangles formed by joining its vertices to its centre are Type A.



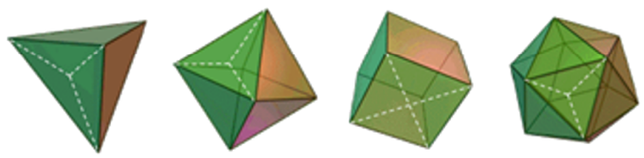



**Number of hexagonal yods in faces**

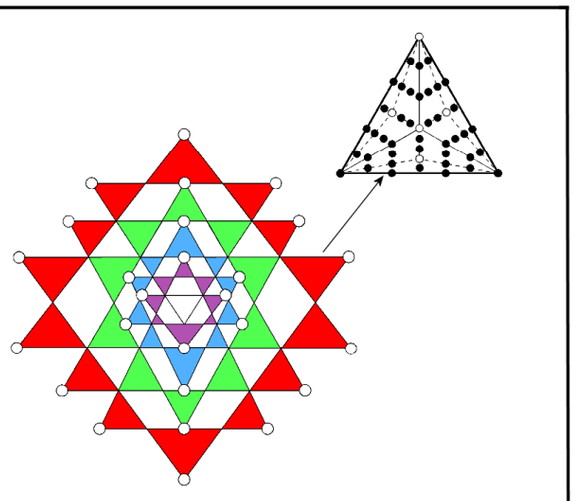
| | | |
|---|---|---|
| 10 tetrahedra: | 10×48 = | 480 |
| 5 octahedra: | 5×96 = | 480 |
| 5 cubes: | 5×96 = | 480 |
| 1 icosahedron: | 1×240 = | 240 |
| | Total = | 1680 |

The Divine Name EHYEH (AHIH) with number value 21 prescribes the 21 Platonic solids fitting in the disdyakis triacontahedron that the ancient Greeks associated with the four physical Elements. Their faces have 1680 hexagonal yods.

Each of the 10 whorls of the UPA is a helix with 1680 circular turns.



1680 geometrical elements (240 corners, 780 sides & 660 triangles) surround the axes of the first 4 Platonic solids when their vertices & face centres are joined to their centres.



The 42 Type B triangles in the 2-d Sri Yantra has 1680 yods other than the 26 corners of the 9 primary triangles and the corners of tetractyses inside each Type B triangle