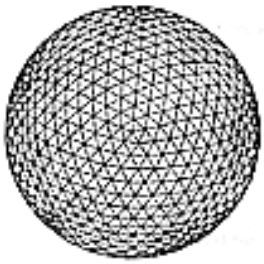
	Number of Vertexes Multiplied by 360°	*Number of Triangles Multiplied by 180° Equals Sum of Angles around All Vertexes*	*Difference*
 **Regular Geodesic Two-Frequency Icosahedron**	42 × 360° = 15,120°	80 × 180° = 14,400°	15,120° − 14,400° = 720° = 1 tetrahedron
 **Regular Geodesic Four-Frequency Icosahedron**	162 × 360° = 58,320°	320 × 180° = 57,600°	58,320° − 57,600° = 720° = 1 tetrahedron
 **Regular Geodesic Nine-Frequency Icosahedron**	812 × 360° = 292,320°	1620 × 180° = 291,600°	292,320° − 291,600° = 720° = 1 tetrahedron

Table 224.70B *Tetrahedral Mensuration Applied to Spheres.*
