ENTRY POLYHEDRA

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tetrahedron

The [tetrahedron] is a polyhedron with 4 vertices and 4 faces. The dual polyhedron is called tetrahedron.

cube

The [cube] is a polyhedron with 8 vertices and 6 faces. The dual polyhedron is called octahedron.

hexahedron

The [hexahedron] is a polyhedron with 8 vertices and 6 faces. The dual polyhedron is called octahedron.

octahedron

The [octahedron] is a polyhedron with 6 vertices and 8 faces. The dual polyhedron is called cube.

dodecahedron

The [dodecahedron] is a polyhedron with 20 vertices and 12 faces. The dual polyhedron is called icosahedron.

icosahedron

The [icosahedron] is a polyhedron with 12 vertices and 20 faces. The dual polyhedron is called dodecahedron.

small stellated dodecahedron

The [small stellated dodecahedron] is a polyhedron with 12 vertices and 12 faces. The dual polyhedron is called great dodecahedron.

great dodecahedron

The [great dodecahedron] is a polyhedron with 12 vertices and 12 faces. The dual polyhedron is called small stellated dodecahedron.
The [great stellated dodecahedron] is a polyhedron with 20 vertices and 12 faces. The dual polyhedron is called great icosahedron.

The [great icosahedron] is a polyhedron with 12 vertices and 20 faces. The dual polyhedron is called great stellated dodecahedron.

The [truncated tetrahedron] is a polyhedron with 12 vertices and 8 faces. The dual polyhedron is called triakis tetrahedron.

The [cuboctahedron] is a polyhedron with 12 vertices and 14 faces. The dual polyhedron is called rhombic dodecahedron.

The [truncated cube] is a polyhedron with 24 vertices and 14 faces. The dual polyhedron is called triakis octahedron.

The [truncated octahedron] is a polyhedron with 24 vertices and 14 faces. The dual polyhedron is called tetrakis hexahedron.

The [rhombicuboctahedron] is a polyhedron with 24 vertices and 26 faces. The dual polyhedron is called trapezoidal icositetrahedron.

The [great rhombicuboctahedron] is a polyhedron with 48 vertices and 26 faces. The dual polyhedron is called hexakis octahedron.
snub cube

The snub cube is a polyhedron with 24 vertices and 38 faces. The dual polyhedron is called pentagonal icositetrahedron.

cosidodecahedron

The icosidodecahedron is a polyhedron with 30 vertices and 32 faces. The dual polyhedron is called rhombic triacontahedron.

tuncated dodecahedron

The truncated dodecahedron is a polyhedron with 60 vertices and 42 faces. The dual polyhedron is called triakis icosahedron.

tuncated icosahedron

The truncated icosahedron is a polyhedron with 60 vertices and 32 faces. The dual polyhedron is called pentakis dodecahedron.
	rhombicosidodecahedron

The rhombicosidodecahedron is a polyhedron with 60 vertices and 62 faces. The dual polyhedron is called trapezoidal hexecontahedron.

great rhombicosidodecahedron

The great rhombicosidodecahedron is a polyhedron with 120 vertices and 62 faces. The dual polyhedron is called hexakis icosahedron.

snub dodecahedron

The snub dodecahedron is a polyhedron with 60 vertices and 92 faces. The dual polyhedron is called pentagonal hexacontahedron.

triangular prism

The triangular prism is a polyhedron with 6 vertices and 5 faces.
The pentagonal prism is a polyhedron with 10 vertices and 7 faces.

The hexagonal prism is a polyhedron with 12 vertices and 8 faces.

The octagonal prism is a polyhedron with 16 vertices and 10 faces.

The decagonal prism is a polyhedron with 20 vertices and 12 faces.

The square antiprism is a polyhedron with 8 vertices and 10 faces.

The pentagonal antiprism is a polyhedron with 10 vertices and 12 faces.

The hexagonal antiprism is a polyhedron with 12 vertices and 13 faces.

The octagonal antiprism is a polyhedron with 16 vertices and 18 faces.

The decagonal antiprism is a polyhedron with 20 vertices and 22 faces.
triakis tetrahedron

The triakis tetrahedron is a polyhedron with 8 vertices and 12 faces. The dual polyhedron is called truncated tetrahedron.

rhombic dodecahedron

The rhombic dodecahedron is a polyhedron with 14 vertices and 12 faces. The dual polyhedron is called cuboctahedron.

triakis octahedron

The triakis octahedron is a polyhedron with 14 vertices and 24 faces. The dual polyhedron is called truncated cube.

tetrakis hexahedron

The tetrakis hexahedron is a polyhedron with 14 vertices and 24 faces. The dual polyhedron is called truncated octahedron.

trapezoidal icositetrahedron

The trapezoidal icositetrahedron is a polyhedron with 26 vertices and 24 faces. The dual polyhedron is called rhombicuboctahedron.

hexakis octahedron

The hexakis octahedron is a polyhedron with 26 vertices and 48 faces. The dual polyhedron is called great rhombicuboctahedron.

pentagonal icositetrahedron

The pentagonal icositetrahedron is a polyhedron with 38 vertices and 24 faces. The dual polyhedron is called snub cube.

rhombic triacontahedron

The rhombic triacontahedron is a polyhedron with 32 vertices and 30 faces. The dual polyhedron is called icosidodecahedron.
The [triakis icosahedron] is a polyhedron with 32 vertices and 60 faces. The dual polyhedron is called truncated dodecahedron.

The [pentakis dodecahedron] is a polyhedron with 32 vertices and 60 faces. The dual polyhedron is called truncated icosahedron.

The [trapezoidal hexecontahedron] is a polyhedron with 62 vertices and 60 faces. The dual polyhedron is called rhombicosidodecahedron.

The [hexakis icosahedron] is a polyhedron with 62 vertices and 120 faces. The dual polyhedron is called great rhombicosidodecahedron.

The [pentagonal hexecontahedron] is a polyhedron with 92 vertices and 60 faces. The dual polyhedron is called snub dodecahedron.

The [square pyramid] is a polyhedron with 5 vertices and 5 faces.

The [pentagonal pyramid] is a polyhedron with 6 vertices and 6 faces.

The [triangular cupola] is a polyhedron with 9 vertices and 8 faces.

The [square cupola] is a polyhedron with 12 vertices and 10 faces.
The pentagonal cupola is a polyhedron with 15 vertices and 12 faces.

The pentagonal rotunda is a polyhedron with 20 vertices and 17 faces.

The elongated triangular pyramid is a polyhedron with 7 vertices and 7 faces.

The elongated square pyramid is a polyhedron with 9 vertices and 9 faces.

The elongated pentagonal pyramid is a polyhedron with 11 vertices and 11 faces.

The gyroelongated square pyramid is a polyhedron with 9 vertices and 13 faces.

The gyroelongated pentagonal pyramid is a polyhedron with 11 vertices and 16 faces.

The triangular dipyramid is a polyhedron with 5 vertices and 6 faces.

The pentagonal dipyramid is a polyhedron with 7 vertices and 10 faces.
The elongated triangular dipyramid is a polyhedron with 8 vertices and 9 faces.

The elongated square dipyramid is a polyhedron with 10 vertices and 12 faces.

The elongated pentagonal dipyramid is a polyhedron with 12 vertices and 15 faces.

The gyroelongated square dipyramid is a polyhedron with 10 vertices and 16 faces.

The elongated triangular cupola is a polyhedron with 15 vertices and 14 faces.

The elongated square cupola is a polyhedron with 20 vertices and 18 faces.

The elongated pentagonal cupola is a polyhedron with 25 vertices and 22 faces.

The elongated pentagonal rotunds is a polyhedron with 30 vertices and 27 faces.

The gyroelongated triangular cupola is a polyhedron with 15 vertices and 20 faces.
The [gyroelongated square cupola] is a polyhedron with 20 vertices and 26 faces.

The [gyroelongated pentagonal cupola] is a polyhedron with 25 vertices and 32 faces.

The [gyroelongated pentagonal rotunda] is a polyhedron with 30 vertices and 37 faces.

The [gyrobifastigium] is a polyhedron with 8 vertices and 8 faces.

The [triangular orthobicupola] is a polyhedron with 12 vertices and 14 faces.

The [square orthobicupola] is a polyhedron with 16 vertices and 18 faces.

The [square gyrobicupola] is a polyhedron with 16 vertices and 18 faces.

The [pentagonal orthobicupola] is a polyhedron with 20 vertices and 22 faces.

The [pentagonal gyrobicupola] is a polyhedron with 20 vertices and 22 faces.
pentagonal orthocupolarontunda

The [pentagonal orthocupolarontunda] is a polyhedron with 25 vertices and 27 faces.

pentagonal gyrocupolarotunda

The [pentagonal gyrocupolarotunda] is a polyhedron with 25 vertices and 27 faces.

pentagonal orthobirotunda

The [pentagonal orthobirotunda] is a polyhedron with 30 vertices and 32 faces.

elongated triangular orthobicupola

The [elongated triangular orthobicupola] is a polyhedron with 18 vertices and 20 faces.

elongated triangular gyrobicupola

The [elongated triangular gyrobicupola] is a polyhedron with 18 vertices and 20 faces.

elongated square gyrobicupola

The [elongated square gyrobicupola] is a polyhedron with 24 vertices and 26 faces.

elongated pentagonal orthobicupola

The [elongated pentagonal orthobicupola] is a polyhedron with 30 vertices and 32 faces.

elongated pentagonal gyrobicupola

The [elongated pentagonal gyrobicupola] is a polyhedron with 30 vertices and 32 faces.

elongated pentagonal orthocupolarotunda

The [elongated pentagonal orthocupolarotunda] is a polyhedron with 35 vertices and 37 faces.
The elongated pentagonal gyrocupolarotunda is a polyhedron with 35 vertices and 37 faces.

The elongated pentagonal orthobirotunda is a polyhedron with 40 vertices and 32 faces.

The elongated pentagonal gyrobirotunda is a polyhedron with 40 vertices and 42 faces.

The gyroelongated triangular bicupola is a polyhedron with 18 vertices and 26 faces.

The gyroelongated square bicupola is a polyhedron with 24 vertices and 34 faces.

The gyroelongated pentagonal bicupola is a polyhedron with 30 vertices and 42 faces.

The gyroelongated pentagonal cupolarotunda is a polyhedron with 35 vertices and 47 faces.

The gyroelongated pentagonal birotunda is a polyhedron with 40 vertices and 52 faces.

The augmented triangular prism is a polyhedron with 7 vertices and 8 faces.
The [biaugmented triangular prism] is a polyhedron with 8 vertices and 11 faces.

The [triaugmented triangular prism] is a polyhedron with 9 vertices and 14 faces.

The [augmented pentagonal prism] is a polyhedron with 11 vertices and 10 faces.

The [biaugmented pentagonal prism] is a polyhedron with 12 vertices and 13 faces.

The [augmented hexagonal prism] is a polyhedron with 13 vertices and 11 faces.

The [parabiaugmented hexagonal prism] is a polyhedron with 14 vertices and 14 faces.

The [metabiaugmented hexagonal prism] is a polyhedron with 14 vertices and 14 faces.

The [triaugmented hexagonal prism] is a polyhedron with 15 vertices and 17 faces.

The [augmented dodecahedron] is a polyhedron with 21 vertices and 16 faces.
The [parabiaugmented dodecahedron] is a polyhedron with 22 vertices and 20 faces.

The [metabiaugmented dodecahedron] is a polyhedron with 22 vertices and 20 faces.

The [triaugmented dodecahedron] is a polyhedron with 23 vertices and 24 faces.

The [metabidiminished icosahedron] is a polyhedron with 10 vertices and 12 faces.

The [tridiminished icosahedron] is a polyhedron with 9 vertices and 8 faces.

The [augmented tridiminished icosahedron] is a polyhedron with 10 vertices and 10 faces.

The [augmented truncated tetrahedron] is a polyhedron with 15 vertices and 14 faces.

The [augmented truncated cube] is a polyhedron with 28 vertices and 22 faces.

The [biaugmented truncated cube] is a polyhedron with 32 vertices and 30 faces.
The augmented truncated dodecahedron is a polyhedron with 65 vertices and 42 faces.

The parabiaugmented truncated dodecahedron is a polyhedron with 70 vertices and 52 faces.

The metabiaugmented truncated dodecahedron is a polyhedron with 70 vertices and 52 faces.

The triaugmented truncated dodecahedron is a polyhedron with 75 vertices and 62 faces.

The gyrate rhombicosidodecahedron is a polyhedron with 60 vertices and 62 faces.

The parabigyrate rhombicosidodecahedron is a polyhedron with 60 vertices and 62 faces.

The metabigyrate rhombicosidodecahedron is a polyhedron with 60 vertices and 62 faces.

The trigyrate rhombicosidodecahedron is a polyhedron with 60 vertices and 62 faces.

The diminished rhombicosidodecahedron is a polyhedron with 55 vertices and 52 faces.
The [paragyrate diminished rhombicosidodecahedron] is a polyhedron with 55 vertices and 52 faces.

The [metagyrate diminished rhombicosidodecahedron] is a polyhedron with 55 vertices and 52 faces.

The [bigyrate diminished rhombicosidodecahedron] is a polyhedron with 55 vertices and 52 faces.

The [parabidiminished rhombicosidodecahedron] is a polyhedron with 50 vertices and 42 faces.

The [metabidiminished rhombicosidodecahedron] is a polyhedron with 50 vertices and 42 faces.

The [gyrate bidiminished rhombicosidodecahedron] is a polyhedron with 50 vertices and 42 faces.

The [tridiminished rhombicosidodecahedron] is a polyhedron with 45 vertices and 32 faces.

The [snub disphenoid] is a polyhedron with 8 vertices and 12 faces.

The [snub square antiprism] is a polyhedron with 16 vertices and 26 faces.
sphenocorona

The [sphenocorona] is a polyhedron with 10 vertices and 14 faces.

augmented sphenocorona

The [augmented sphenocorona] is a polyhedron with 11 vertices and 17 faces.

sphenomegacorona

The [sphenomegacorona] is a polyhedron with 12 vertices and 18 faces.

hebesphenomegacorona

The [hebesphenomegacorona] is a polyhedron with 14 vertices and 21 faces.

disphenocingulum

The [disphenocingulum] is a polyhedron with 16 vertices and 24 faces.

bilunabirotunda

The [bilunabirotunda] is a polyhedron with 14 vertices and 14 faces.

triangular hebesphenorotunda

The [triangular hebesphenorotunda] is a polyhedron with 18 vertices and 20 faces.

tetrahemihexahedron

The [tetrahemihexahedron] is a polyhedron with 7 vertices and 16 faces.

octahemioctahedron

The [octahemioctahedron] is a polyhedron with 13 vertices and 32 faces.
The [small ditrigonal icosidodecahedron] is a polyhedron with 80 vertices and 72 faces.

The [dodecadodecahedron] is a polyhedron with 110 vertices and 72 faces.

The [echidnahedron] is a polyhedron with 92 vertices and 180 faces.

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