

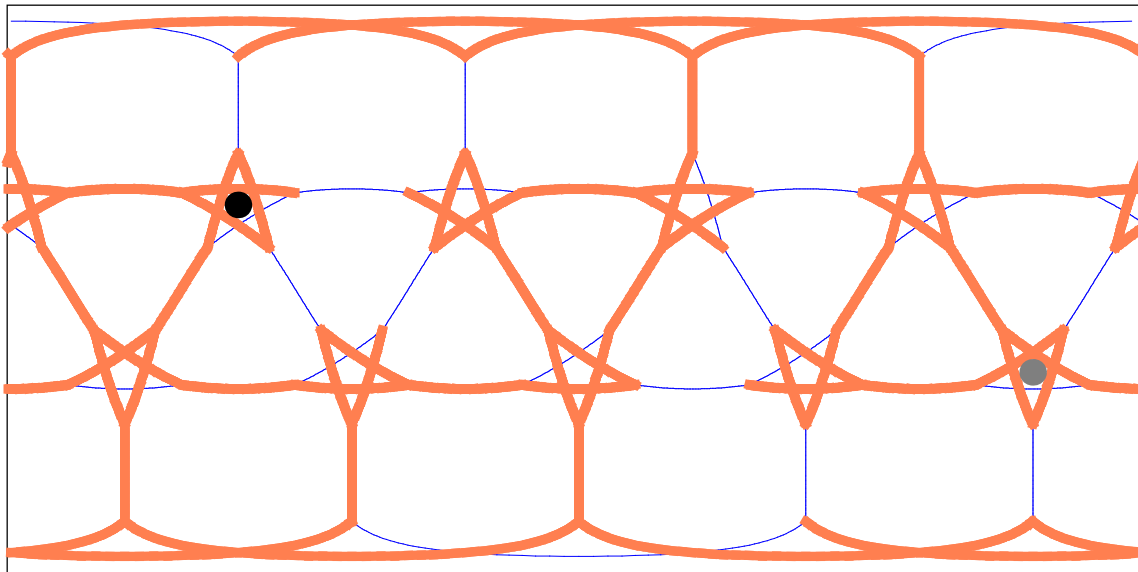
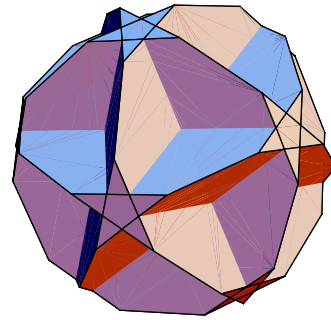
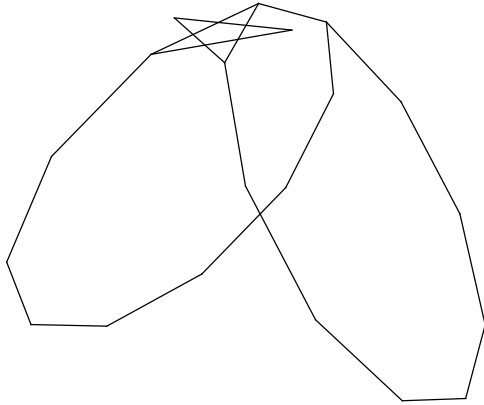
Izidor Hafner

Mazes on Uniform Polyhedra

Equirectangular

truncated great dodecahedron

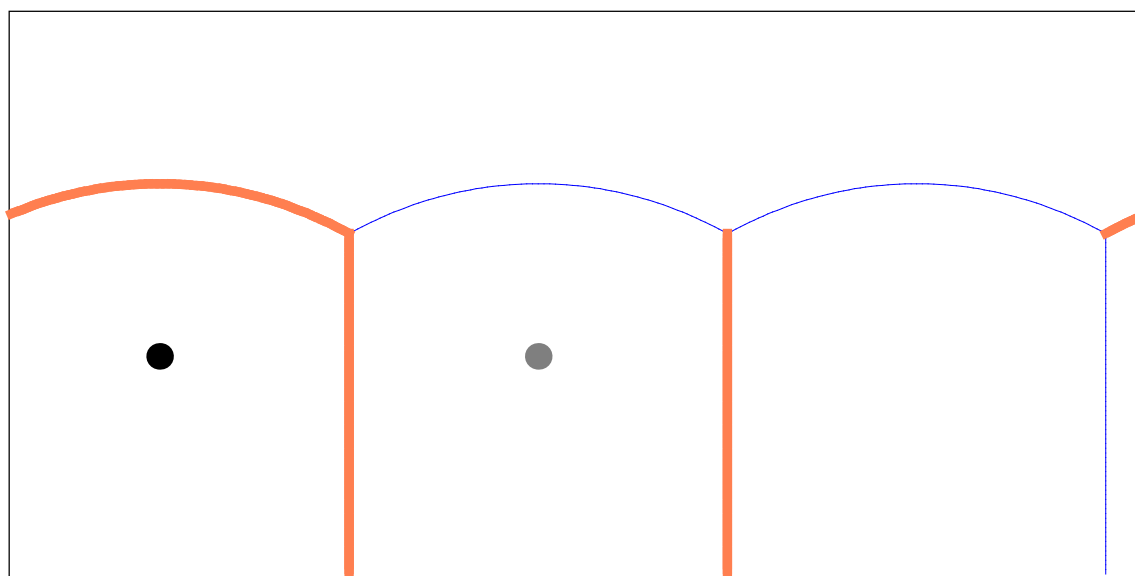
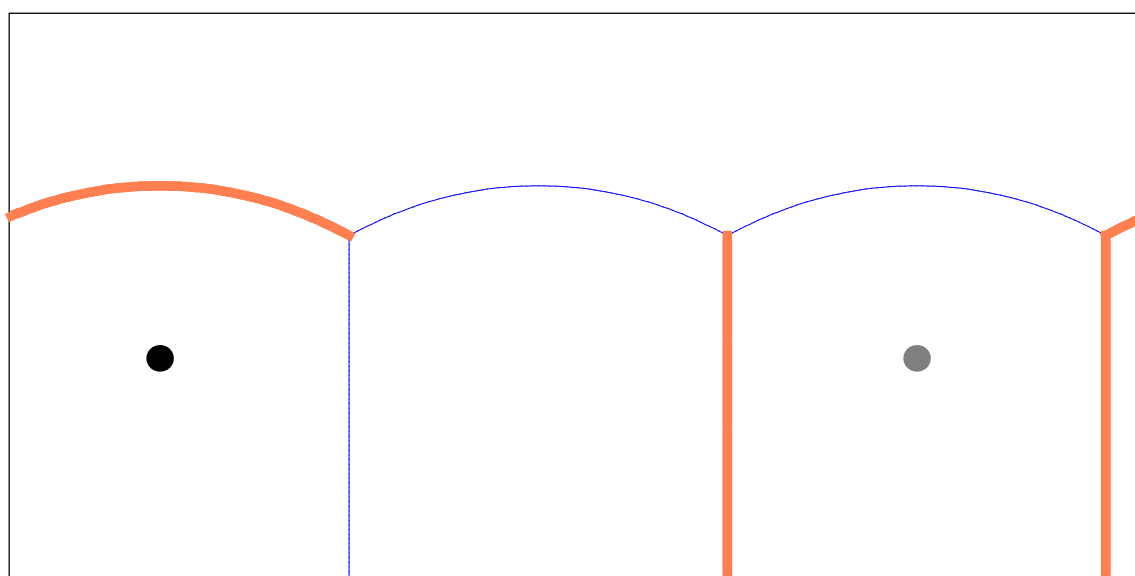
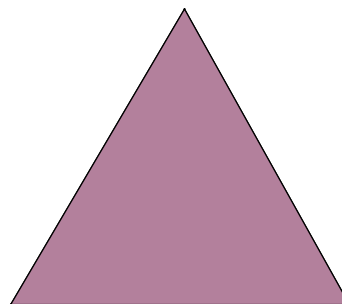
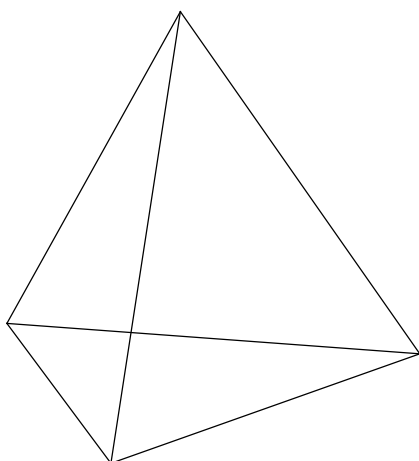
$$\{10, 10, \frac{5}{2}\}$$



1.

tetrahedron

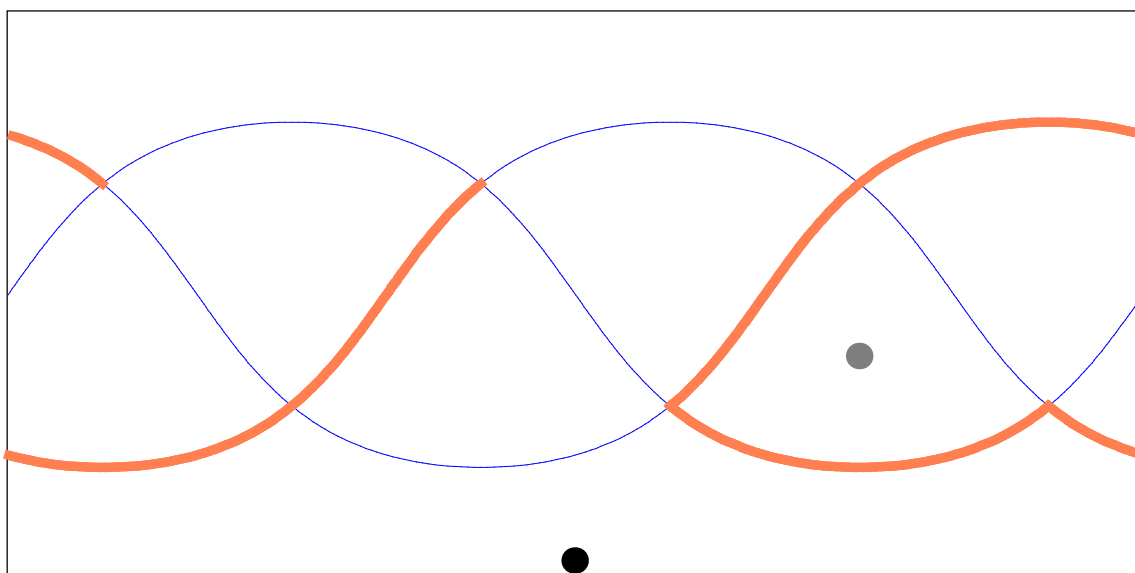
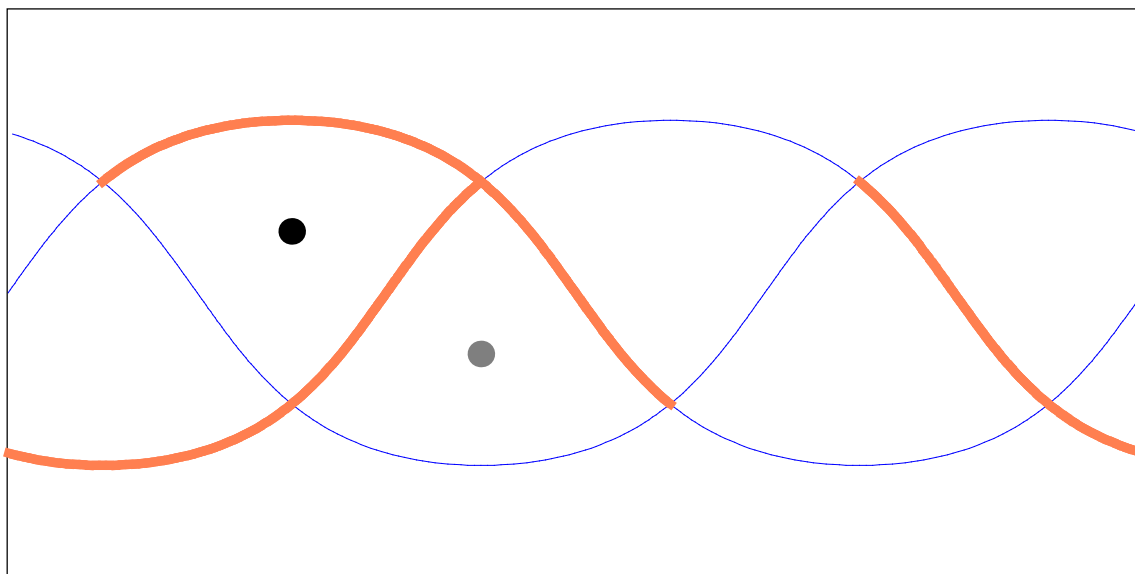
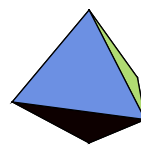
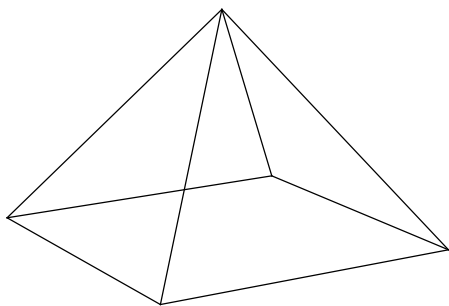
{3, 3, 3}



2.

octahedron

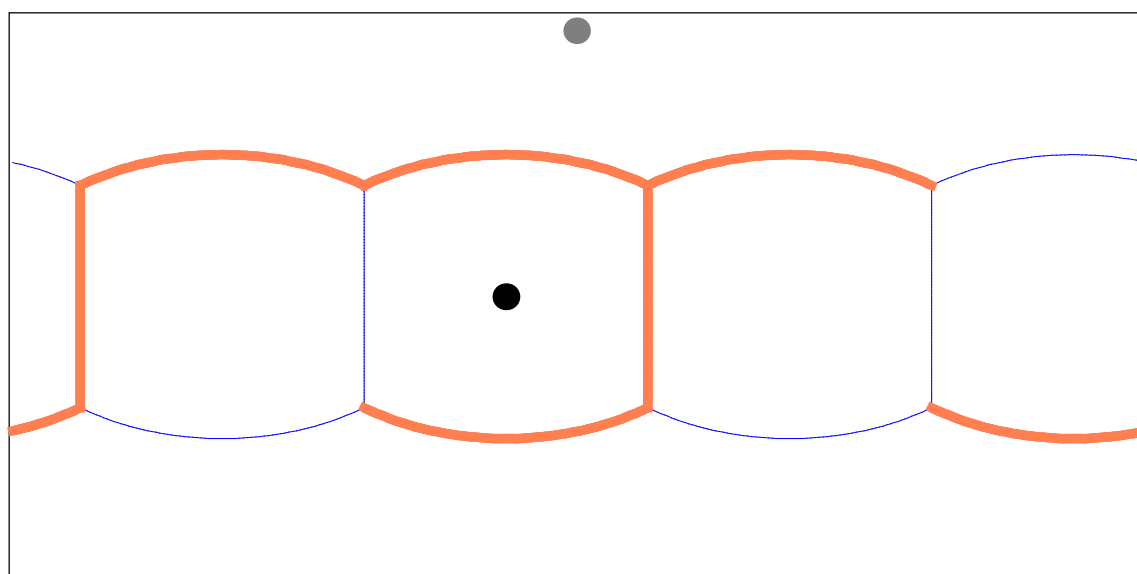
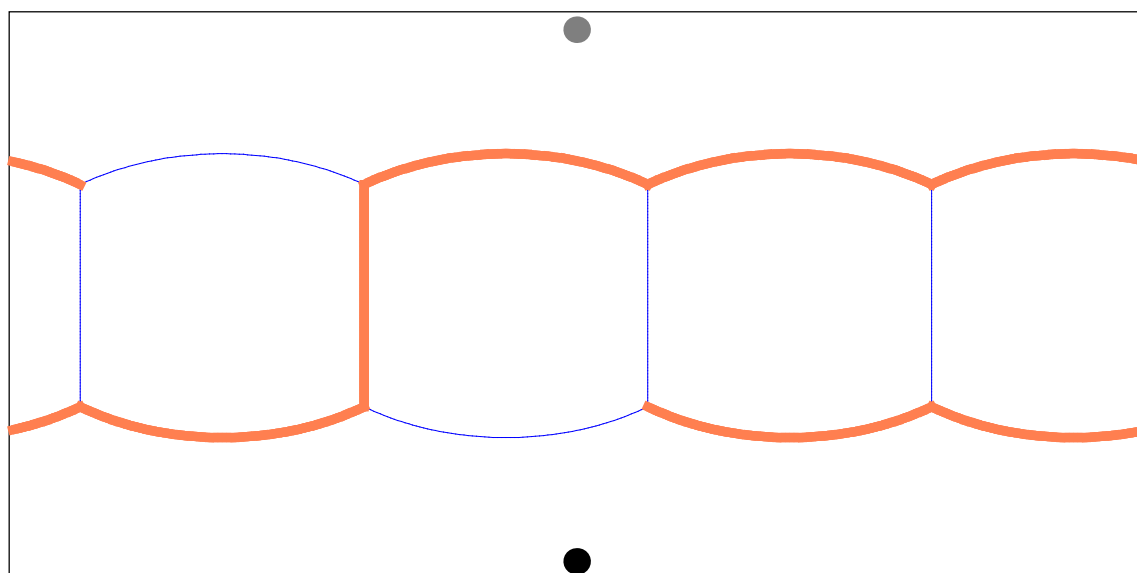
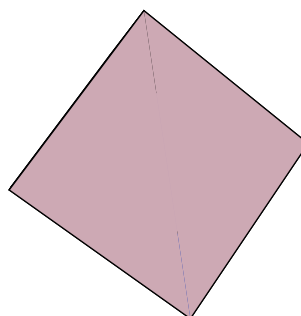
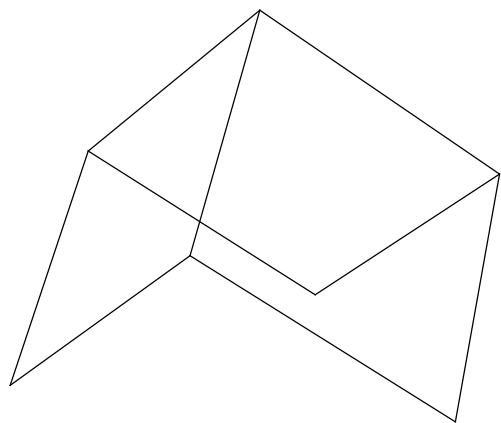
{3, 3, 3, 3}



3.

cube

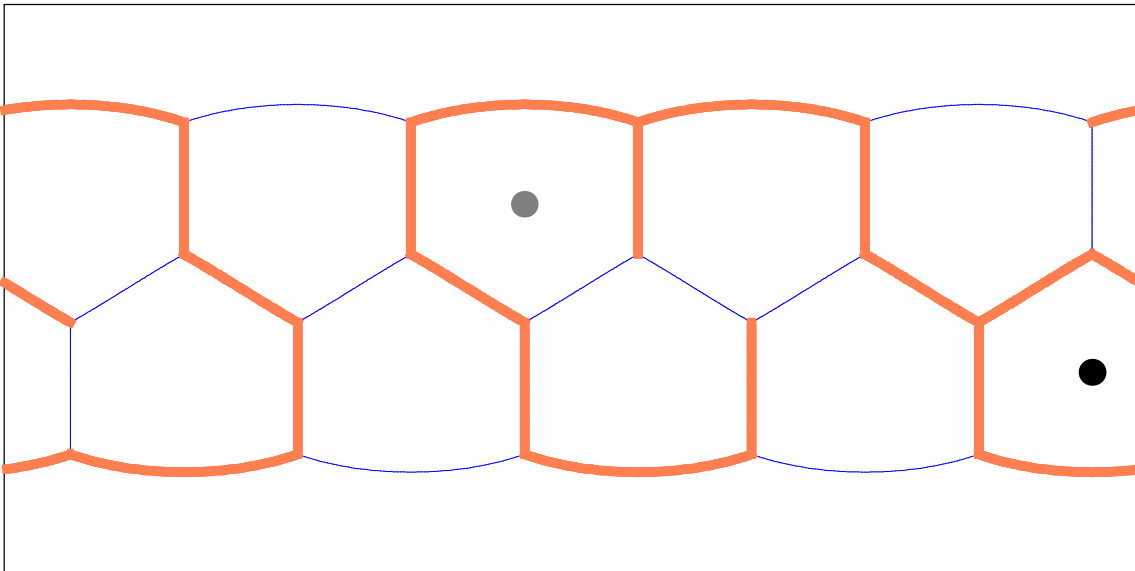
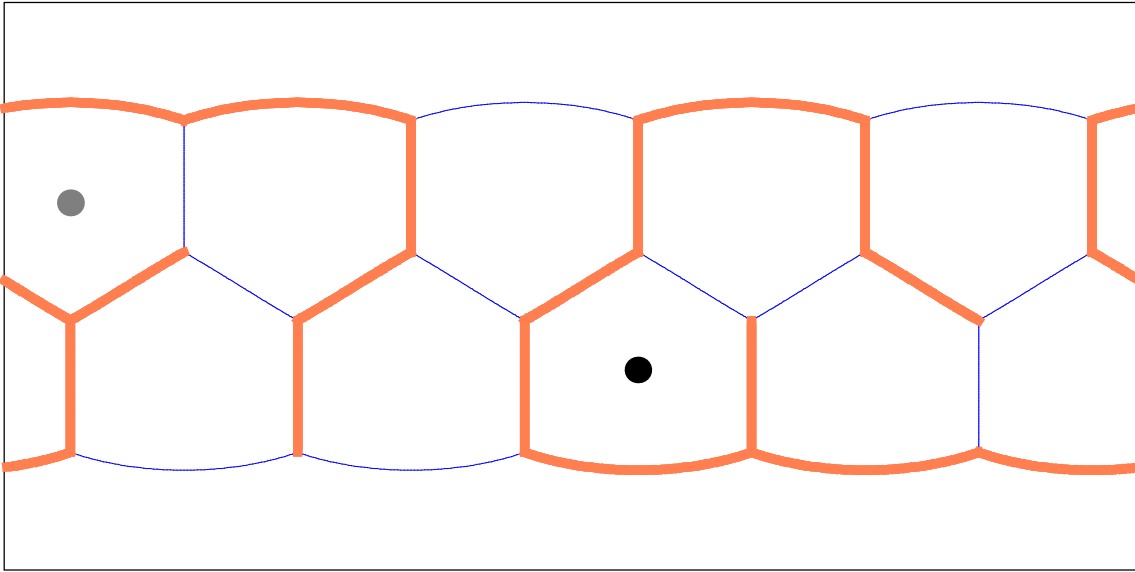
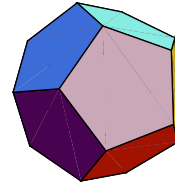
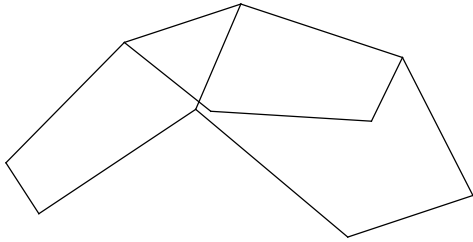
{4, 4, 4}



5.

dodecahedron

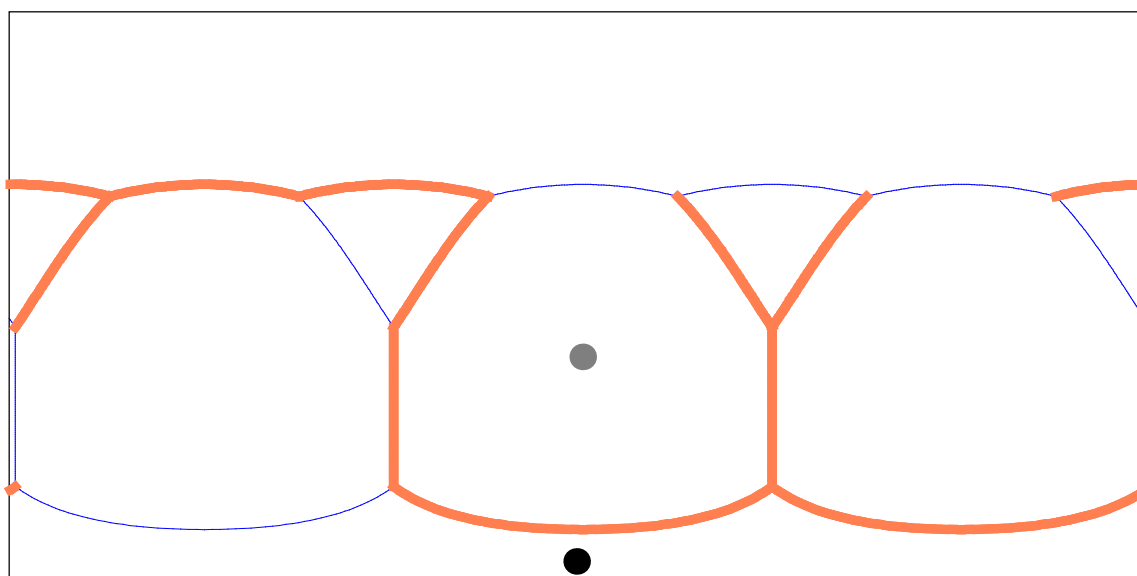
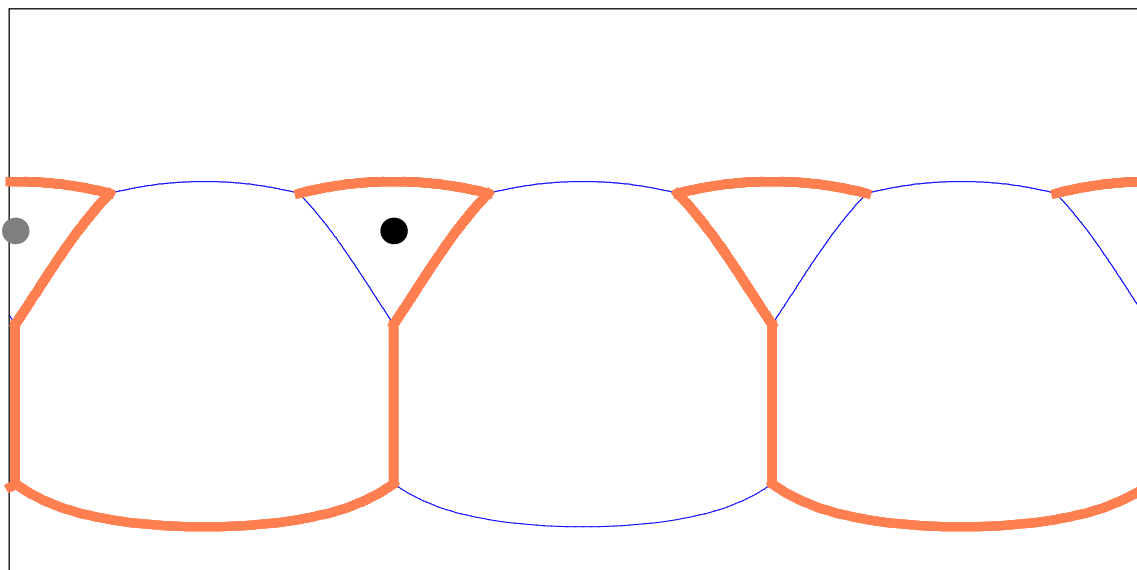
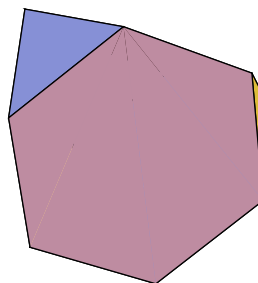
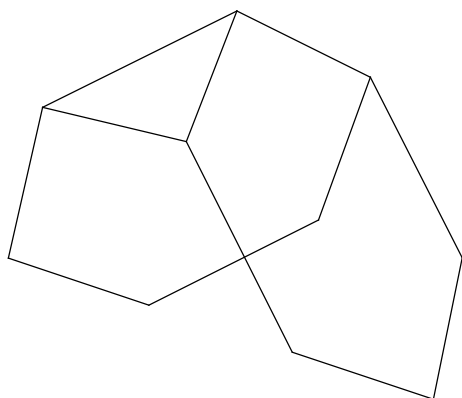
{5, 5, 5}



6.

truncated tetrahedron

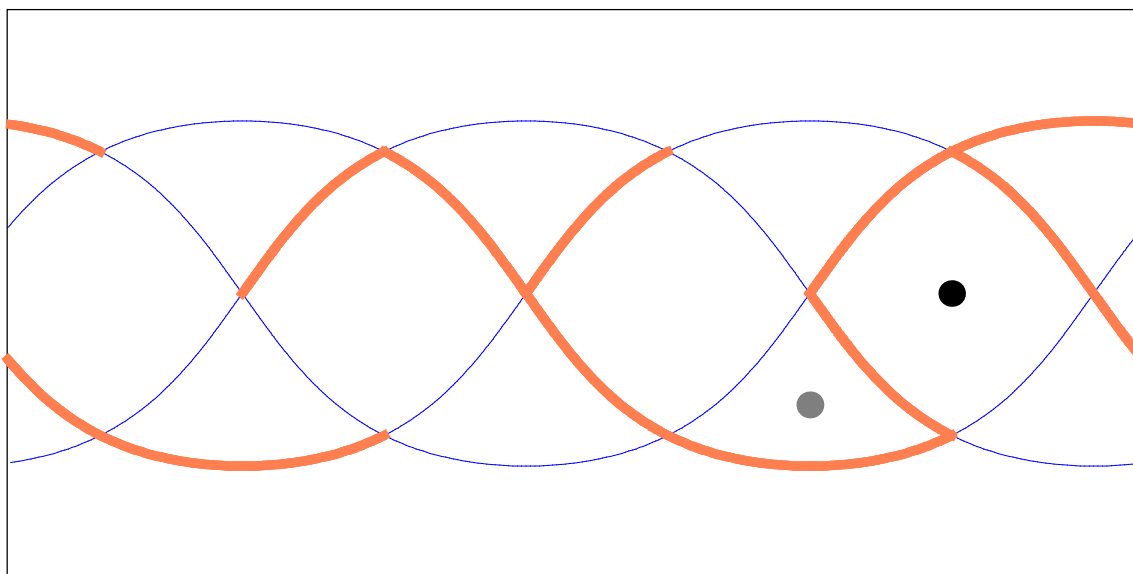
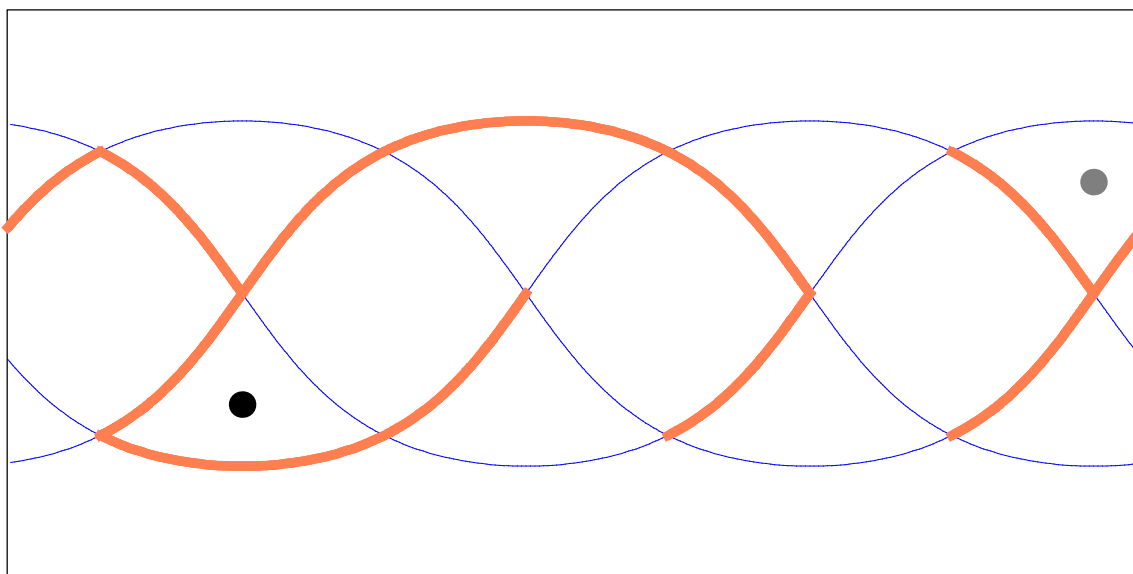
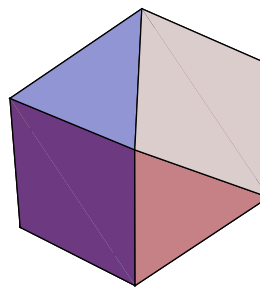
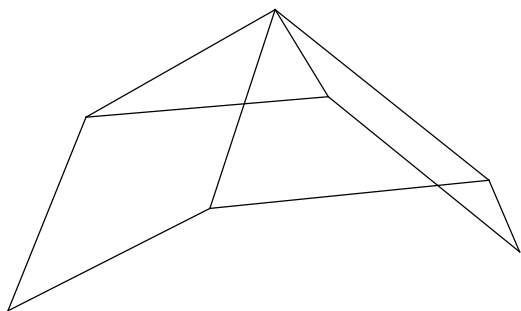
{6, 6, 3}



7.

cuboctahedron

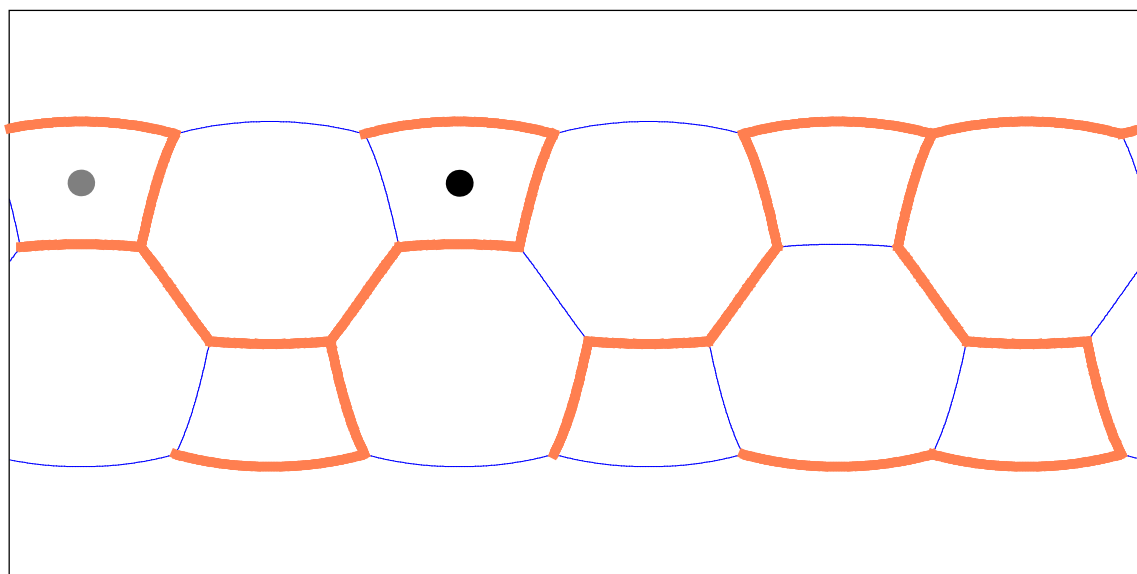
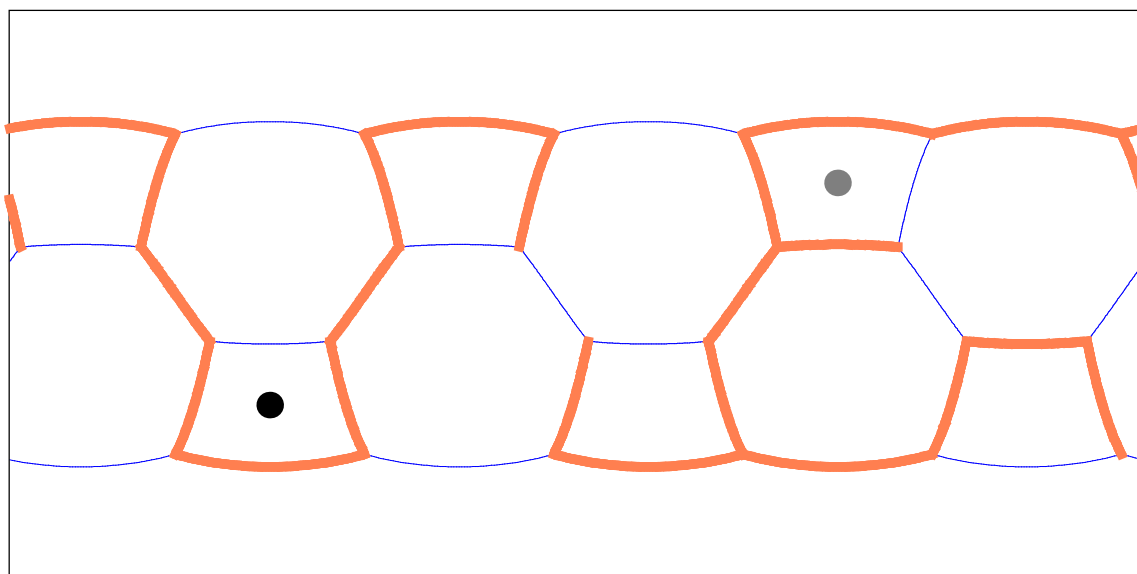
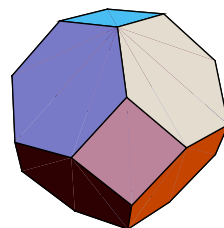
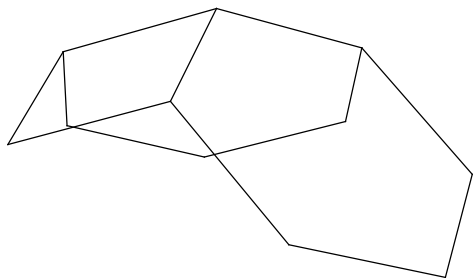
{3, 4, 3, 4}



8.

truncated octahedron

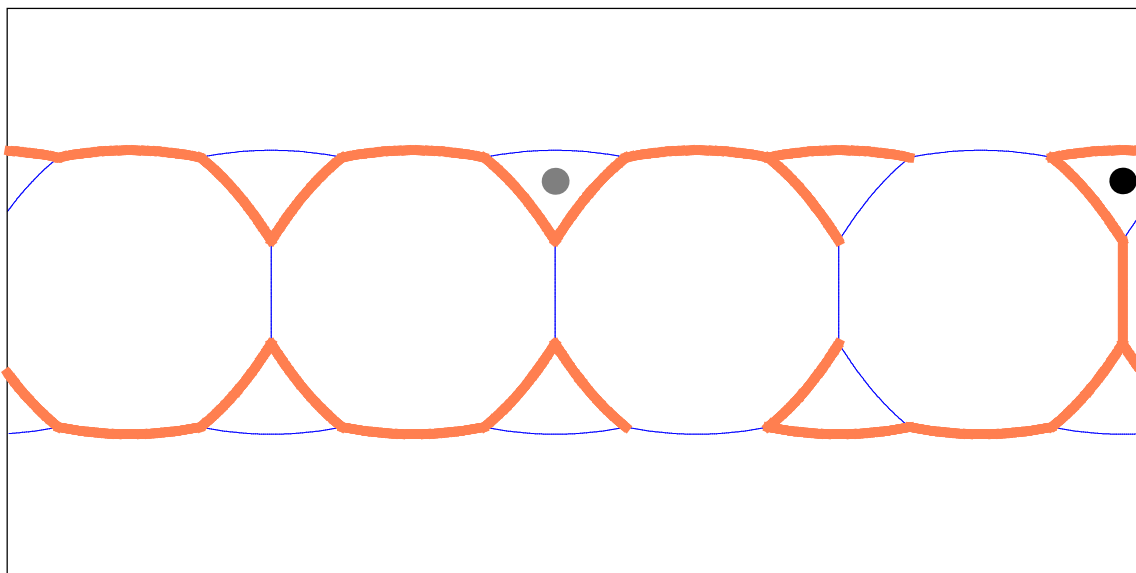
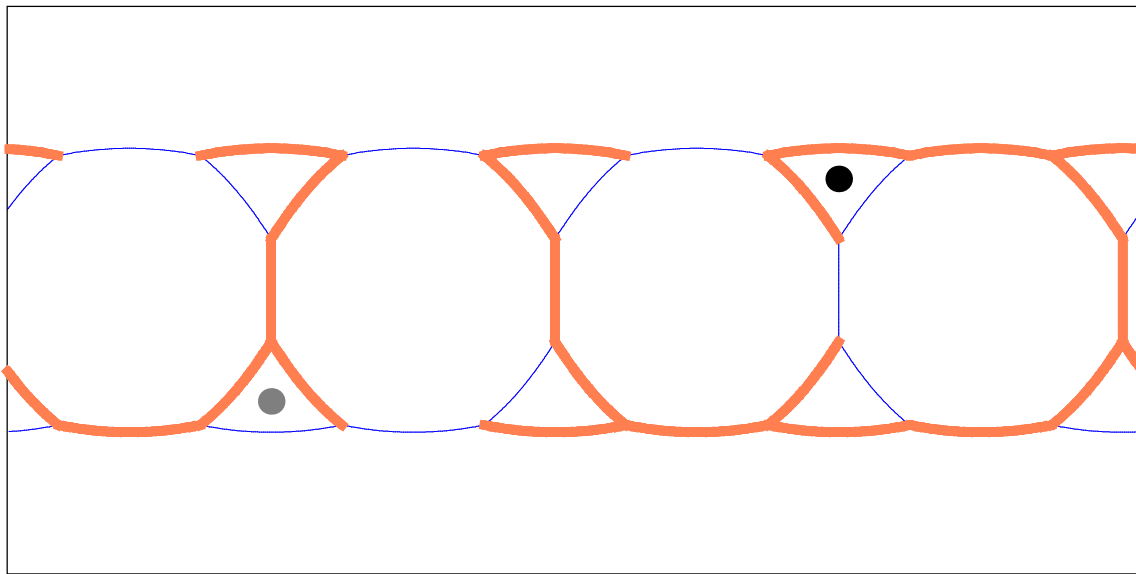
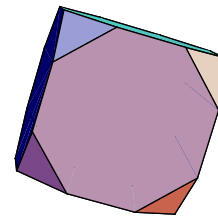
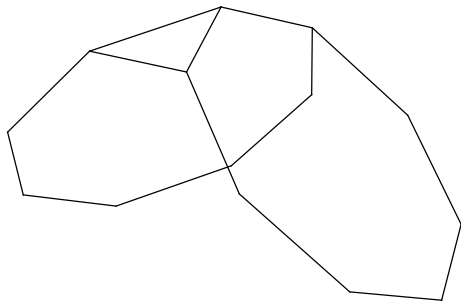
{6, 6, 4}



9.

truncated cube

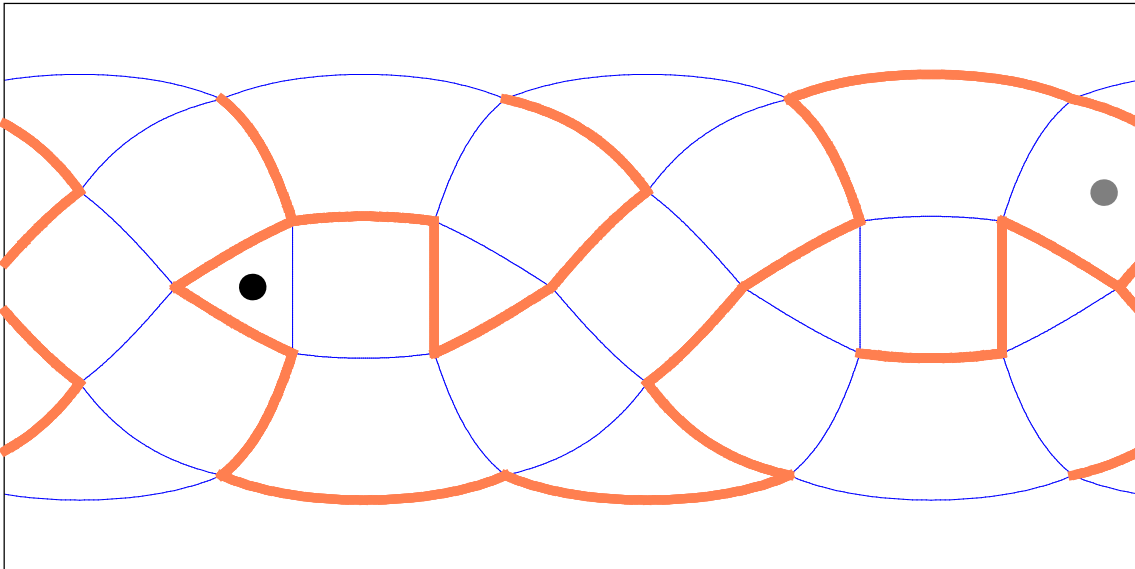
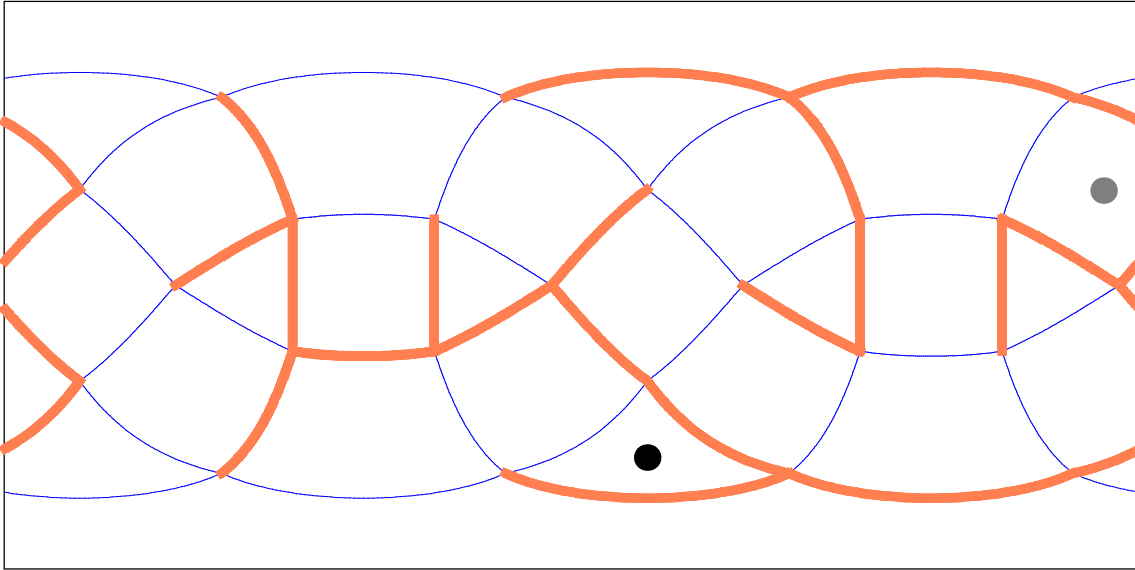
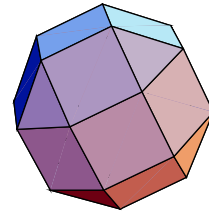
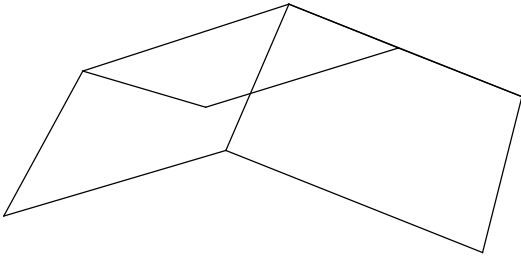
{8, 8, 3}



10.

rhombicuboctahedron

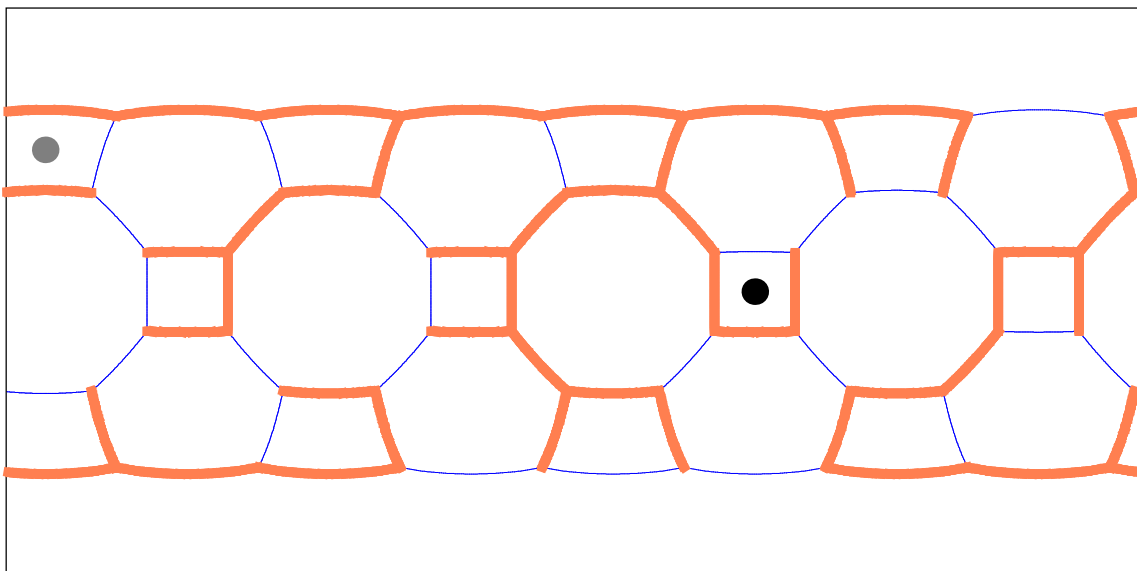
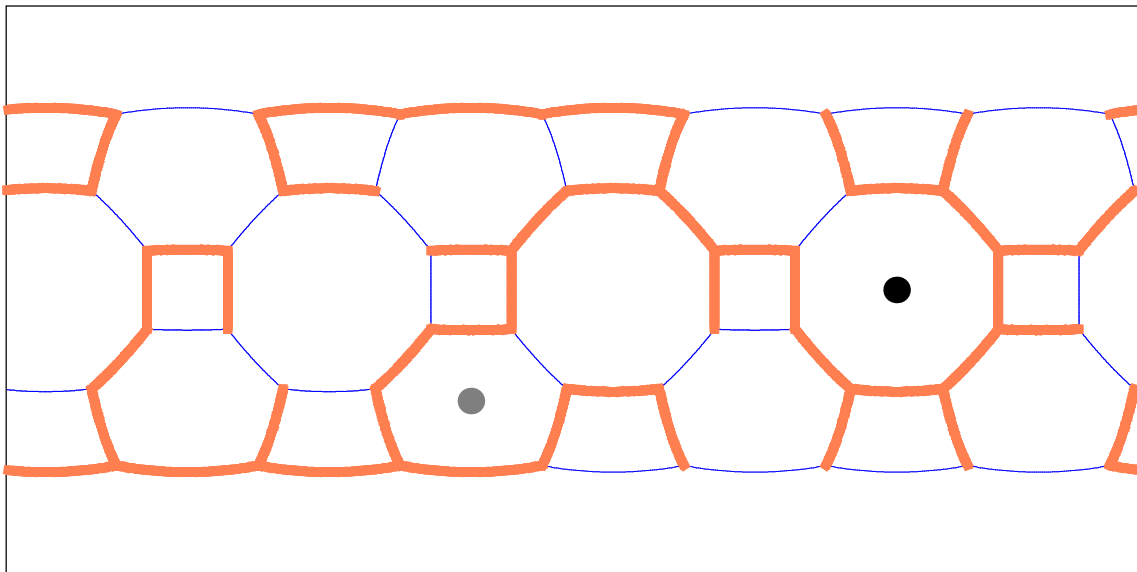
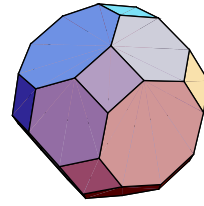
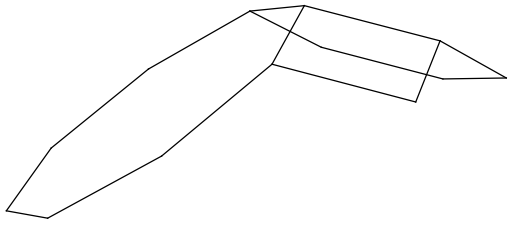
{4, 3, 4, 4}



11.

truncated cuboctahedron

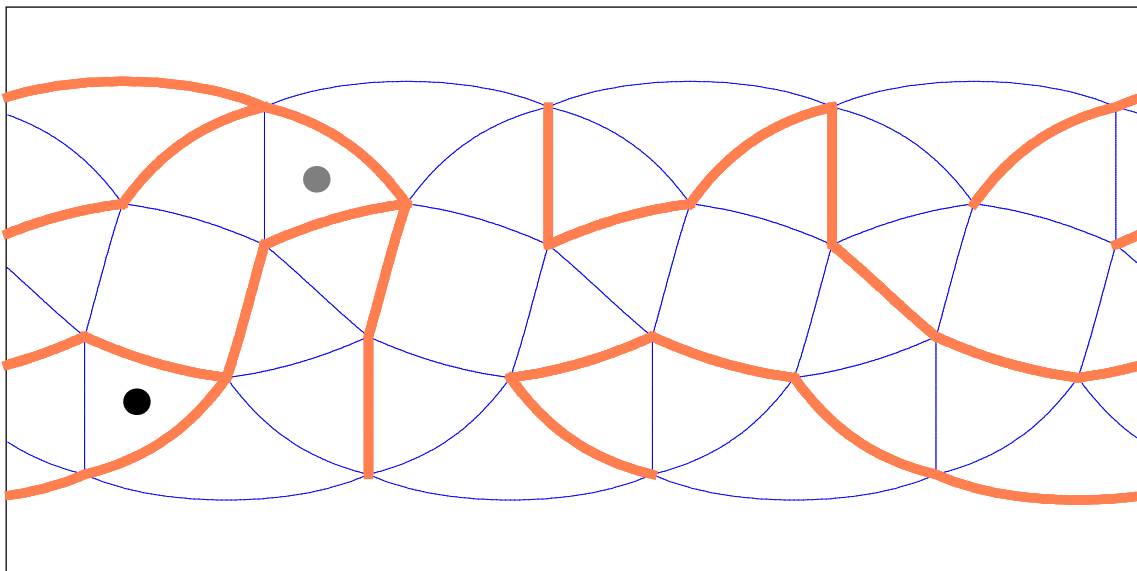
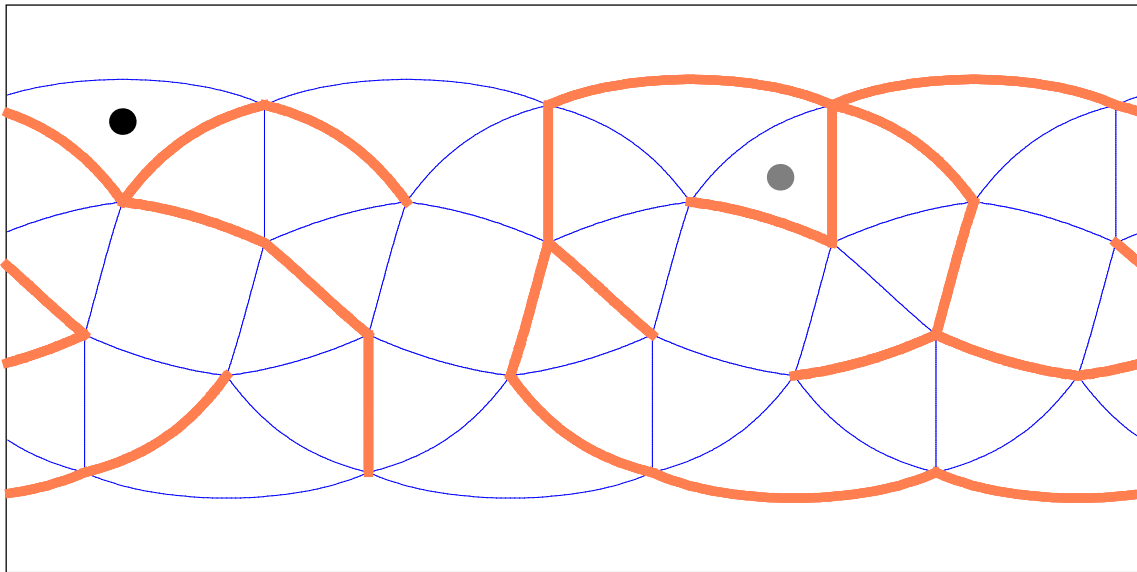
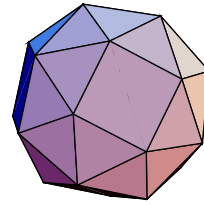
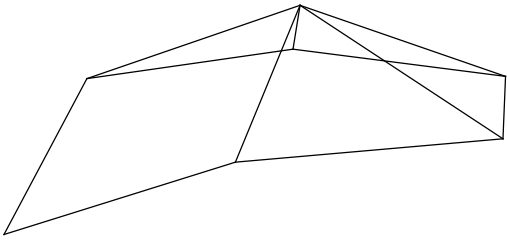
{4, 6, 8}



12.

snub cube

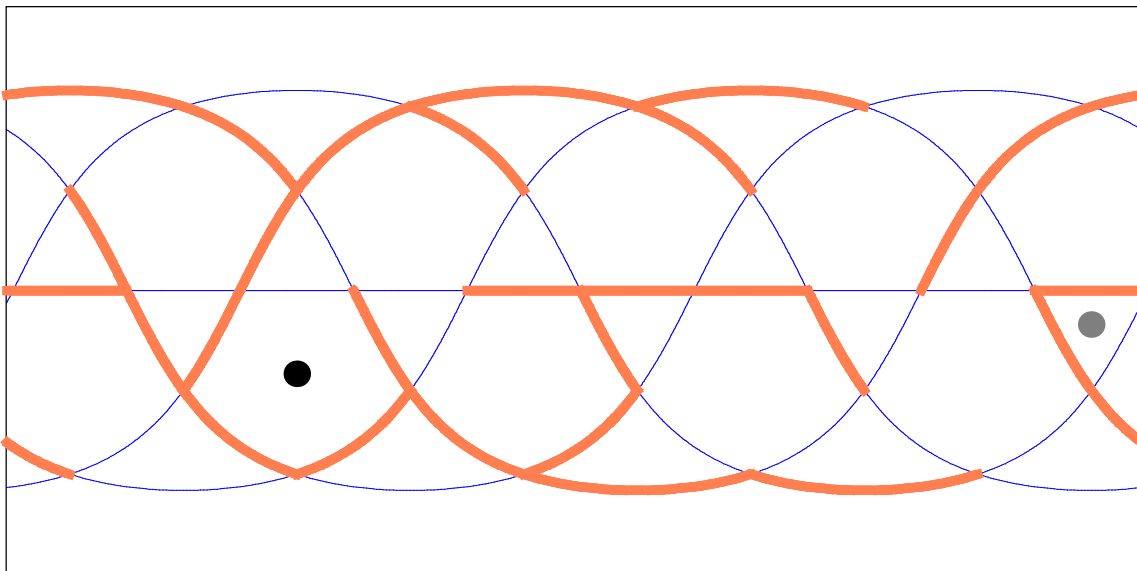
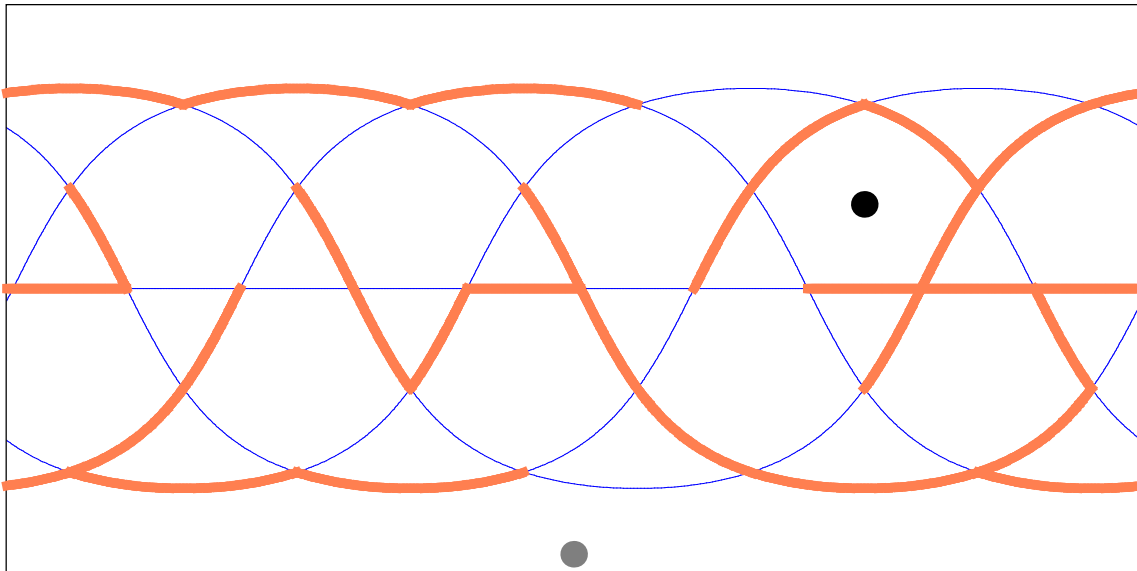
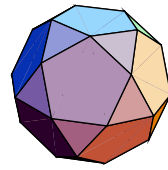
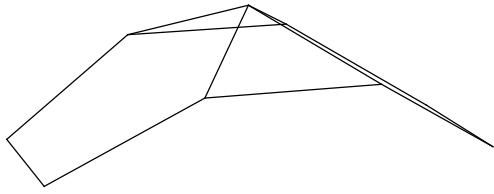
{3, 3, 3, 3, 4}



13.

icosidodecahedron

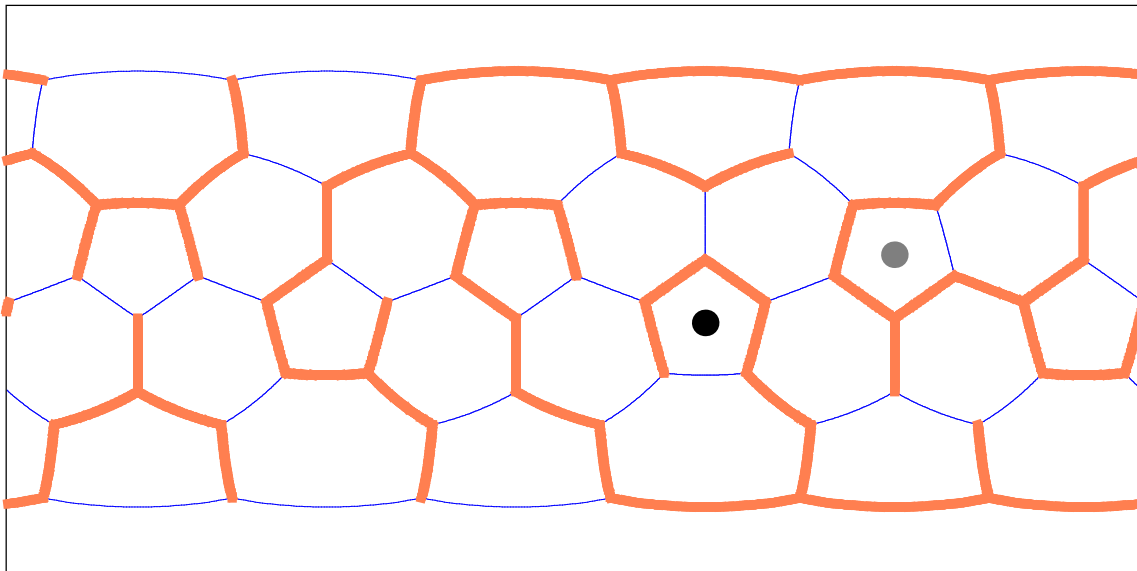
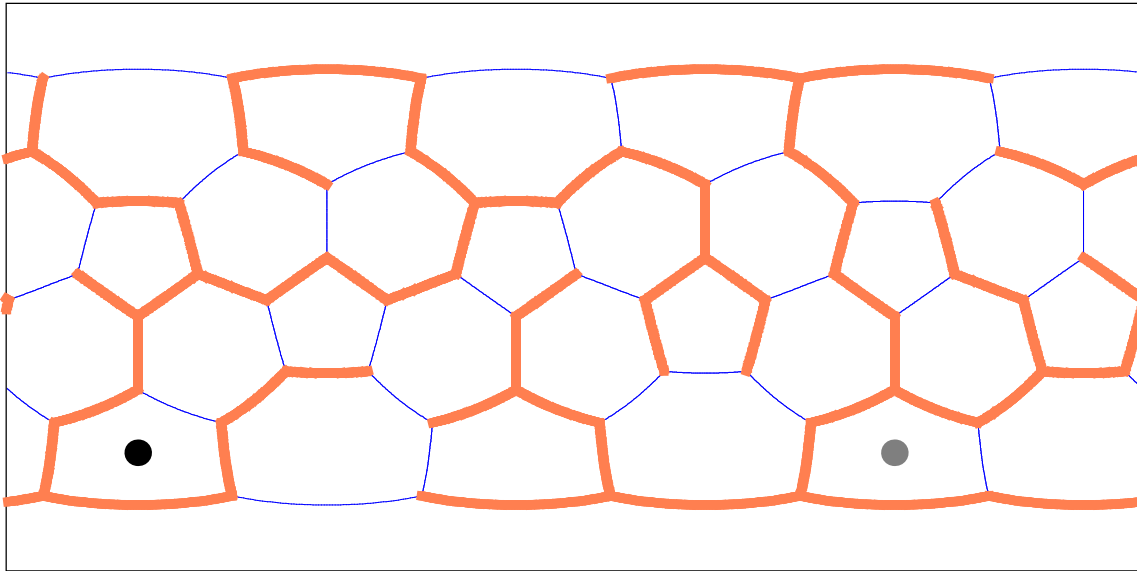
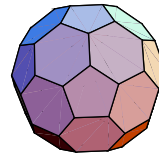
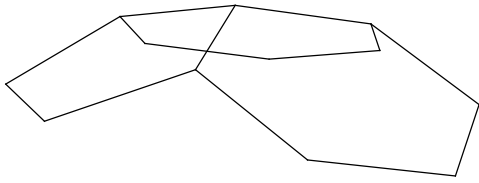
{3, 5, 3, 5}



14.

truncated icosahedron

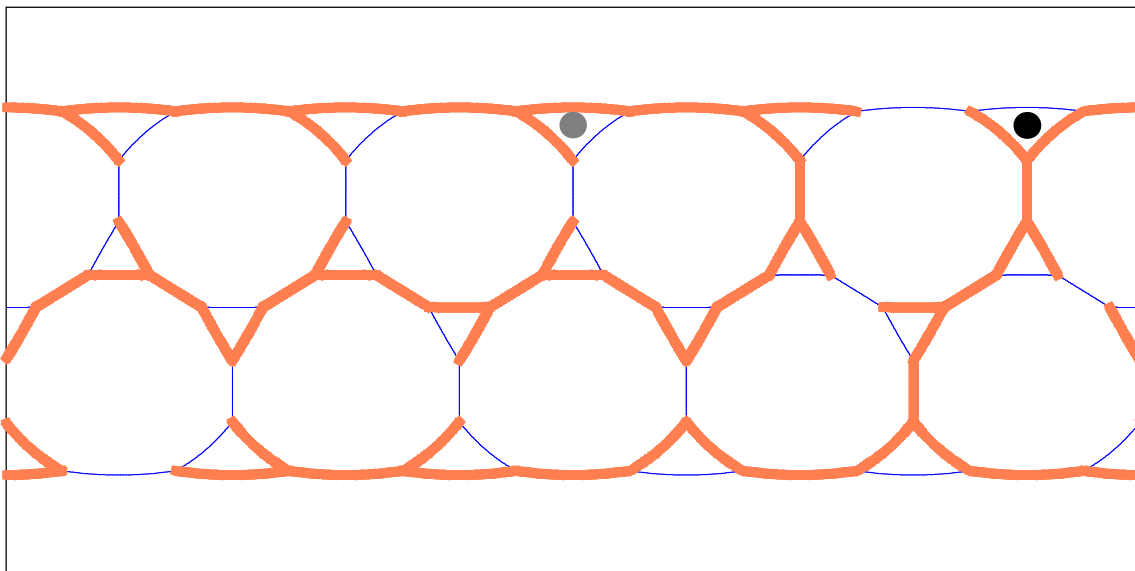
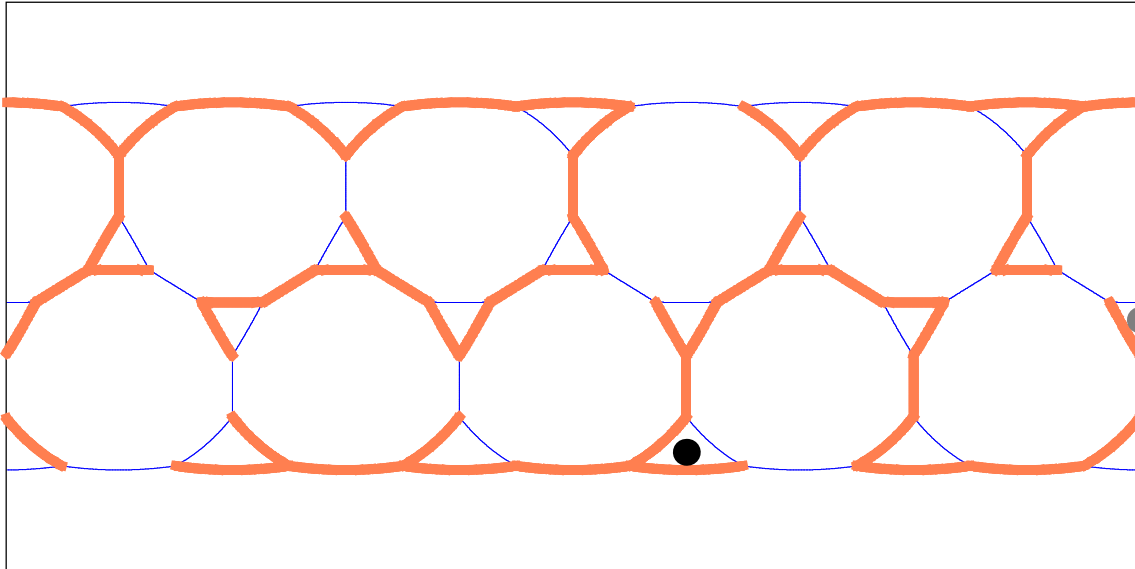
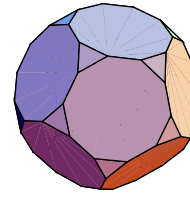
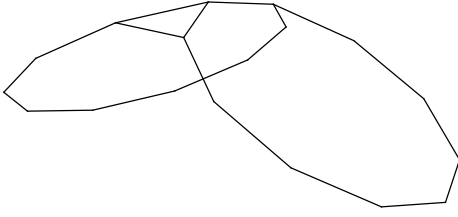
{6, 6, 5}



15.

truncated dodecahedron

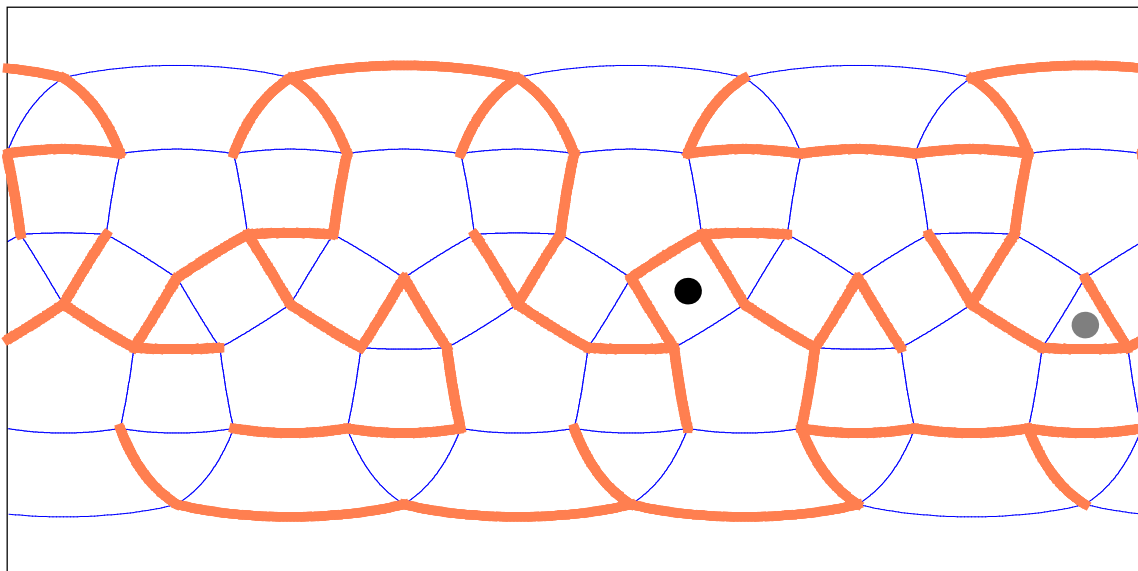
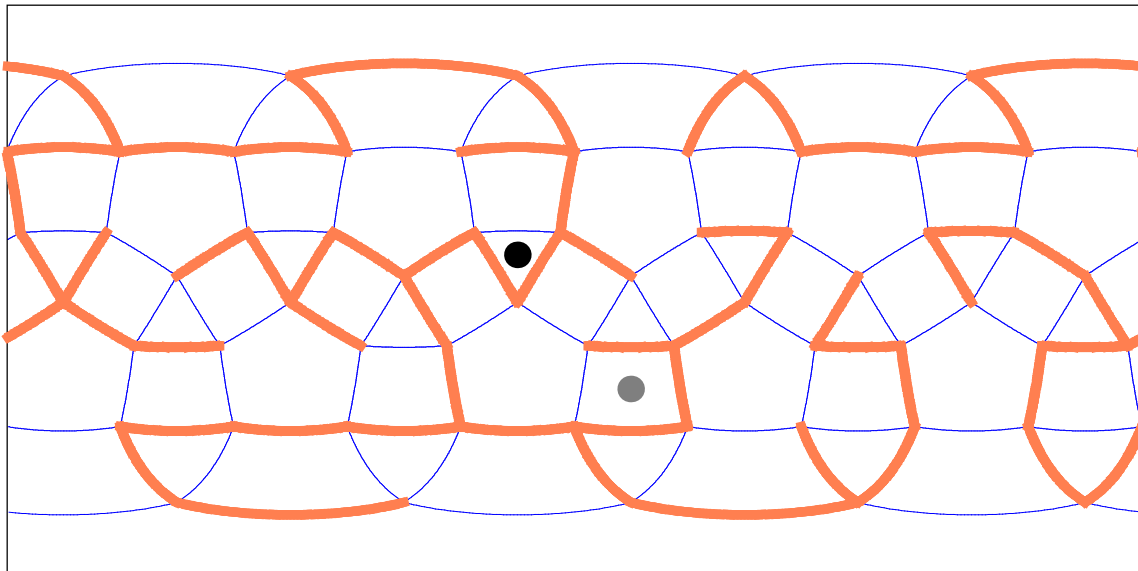
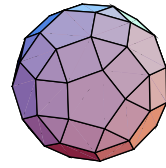
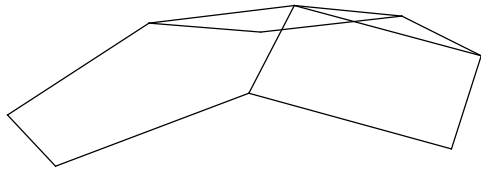
{10, 10, 3}



16.

rhombicosidodecahedron

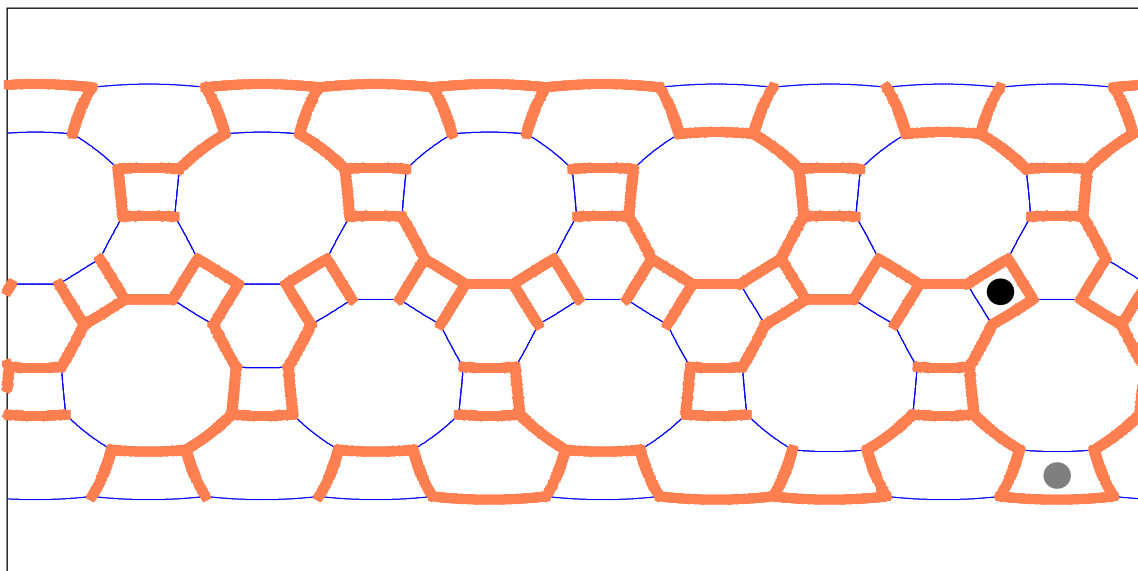
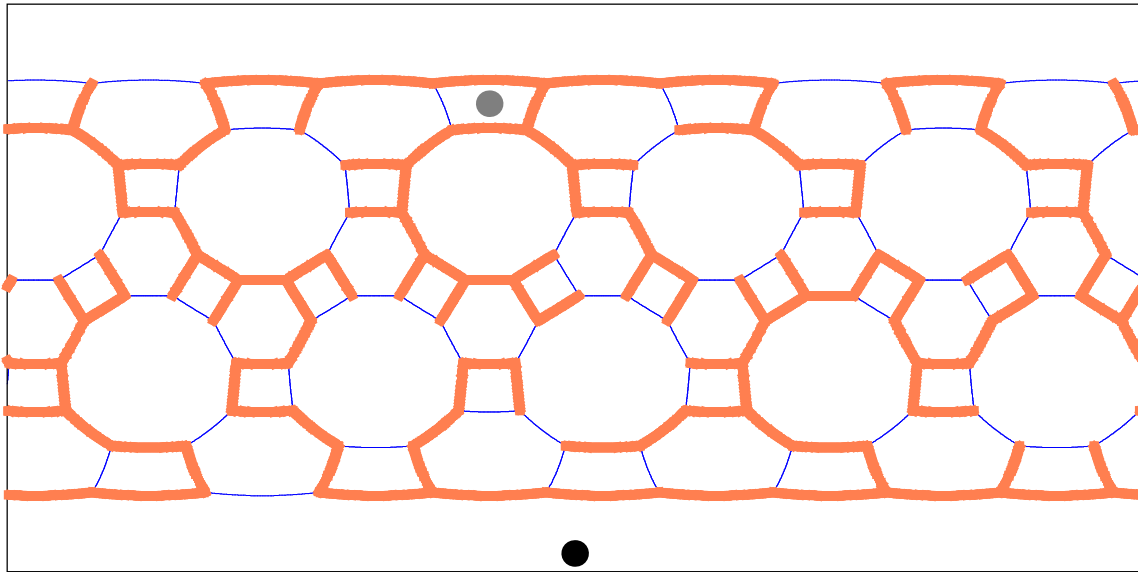
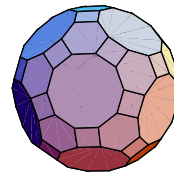
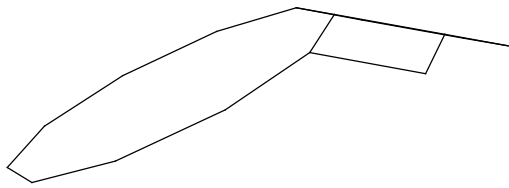
{4, 3, 4, 5}



17.

truncated icosidodecahedron

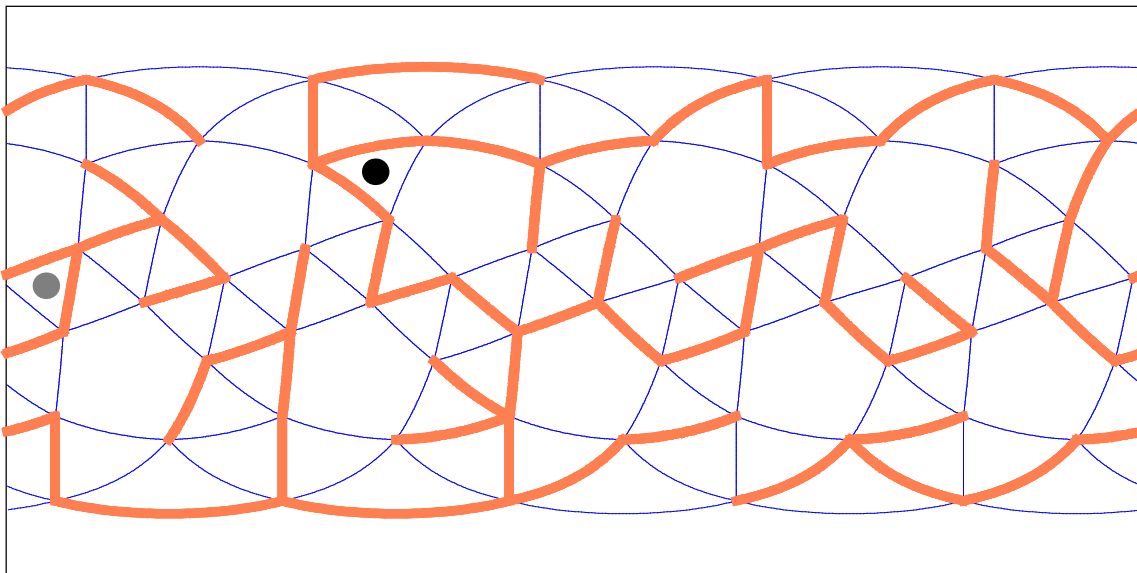
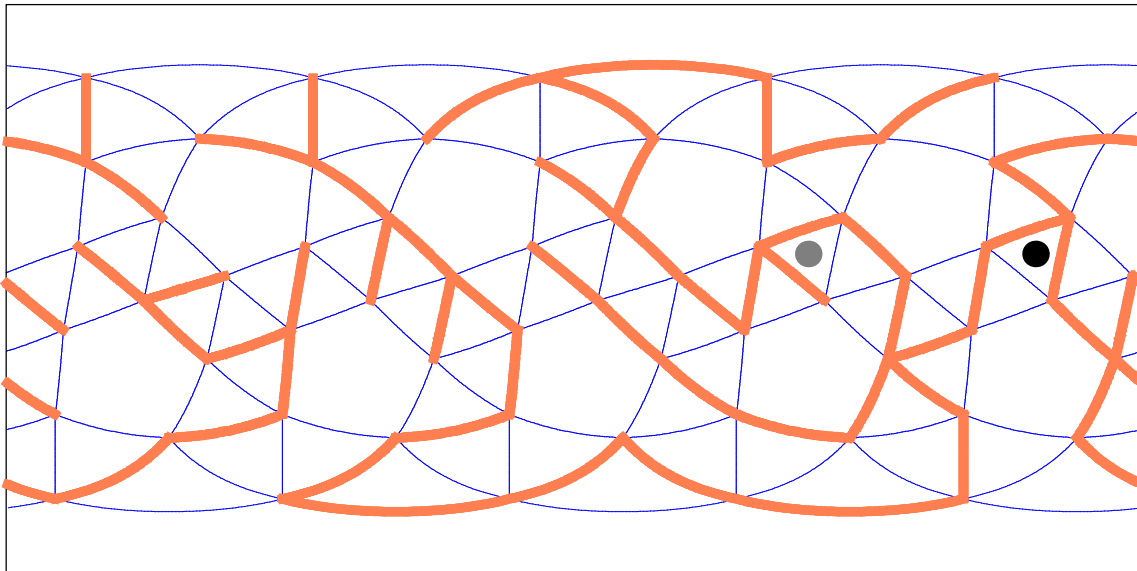
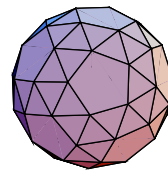
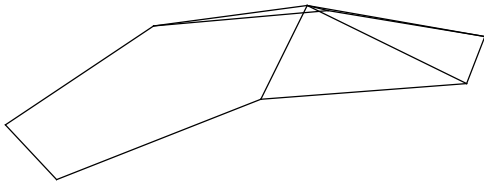
{4, 6, 10}



18.

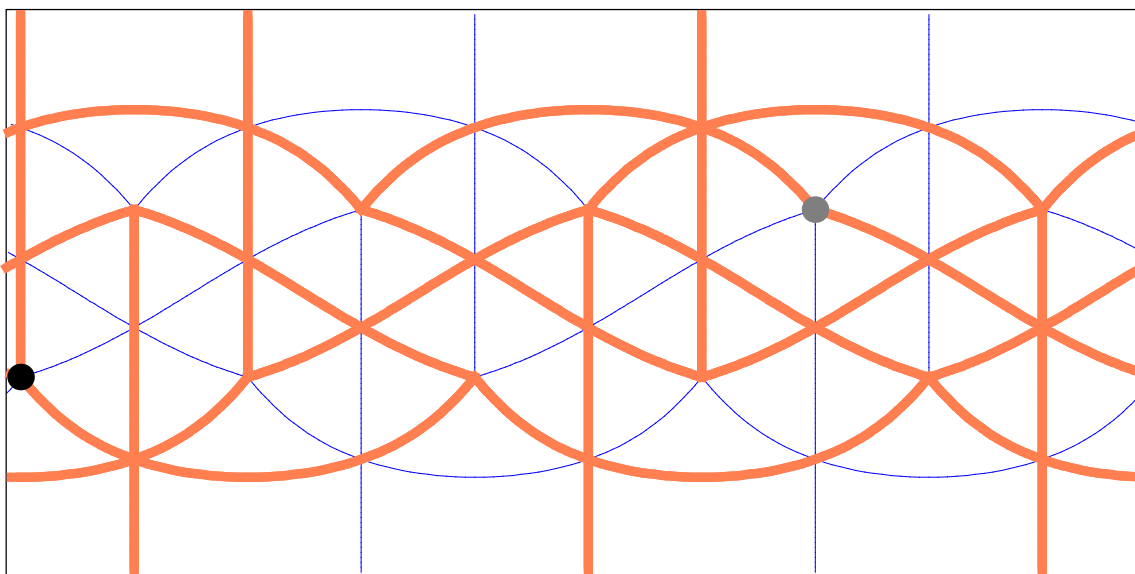
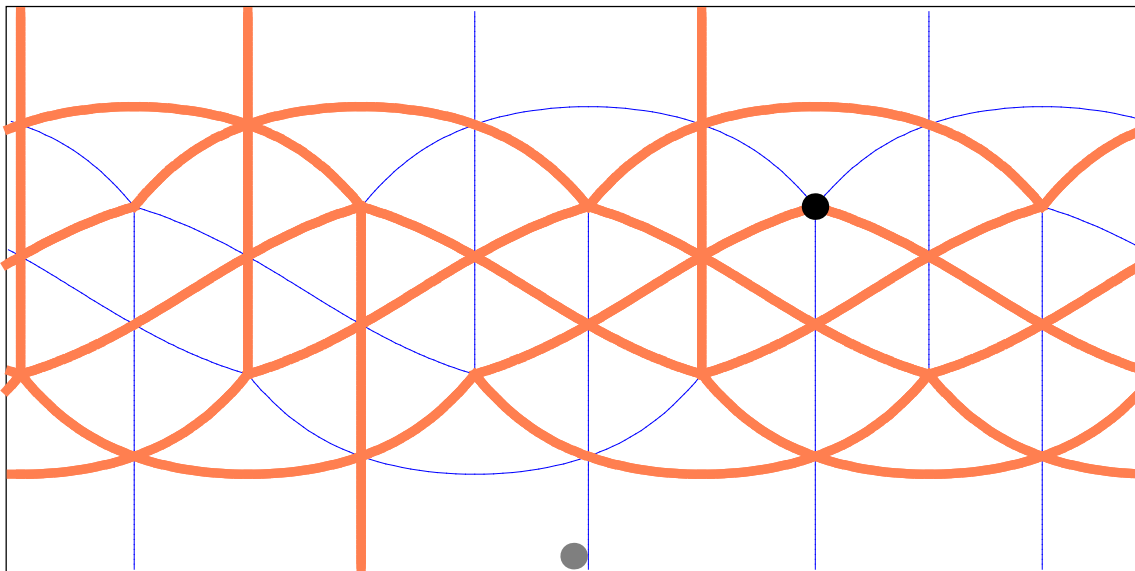
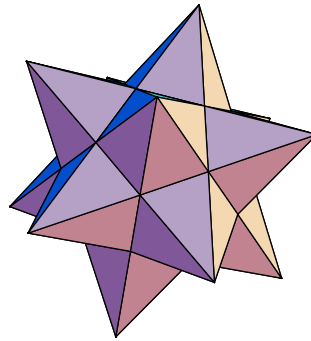
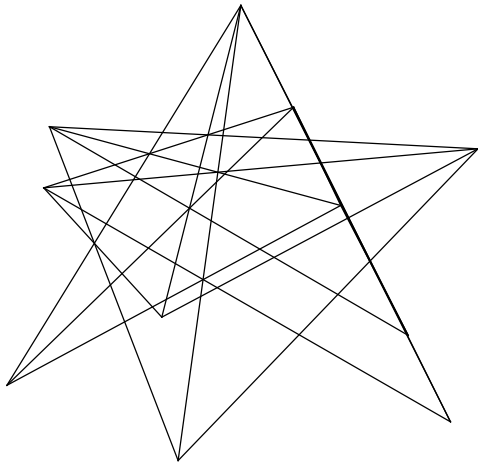
snub dodecahedron

{3, 3, 3, 3, 5}



19.

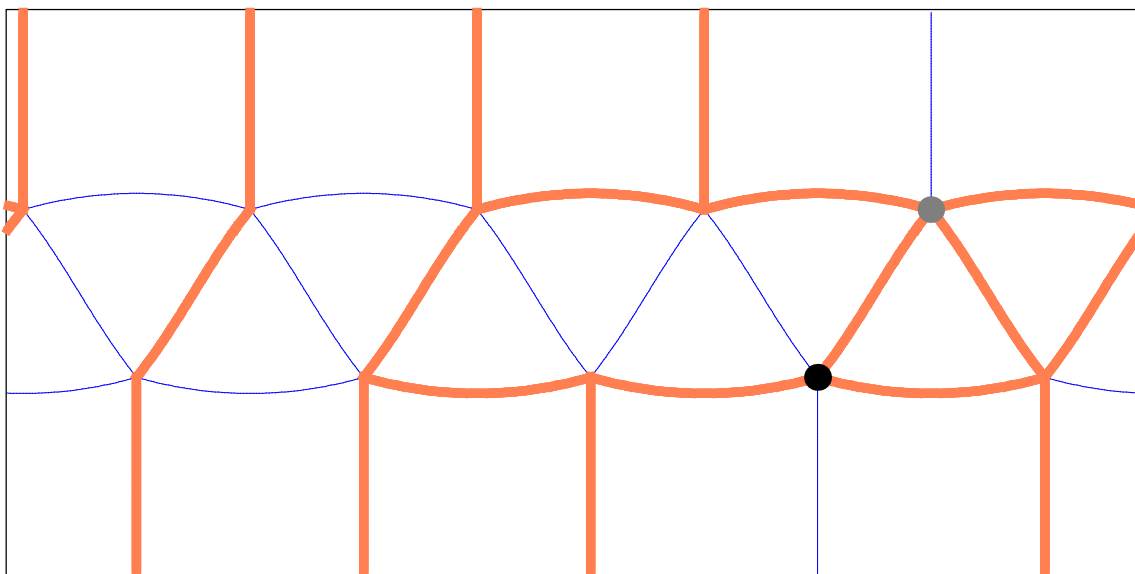
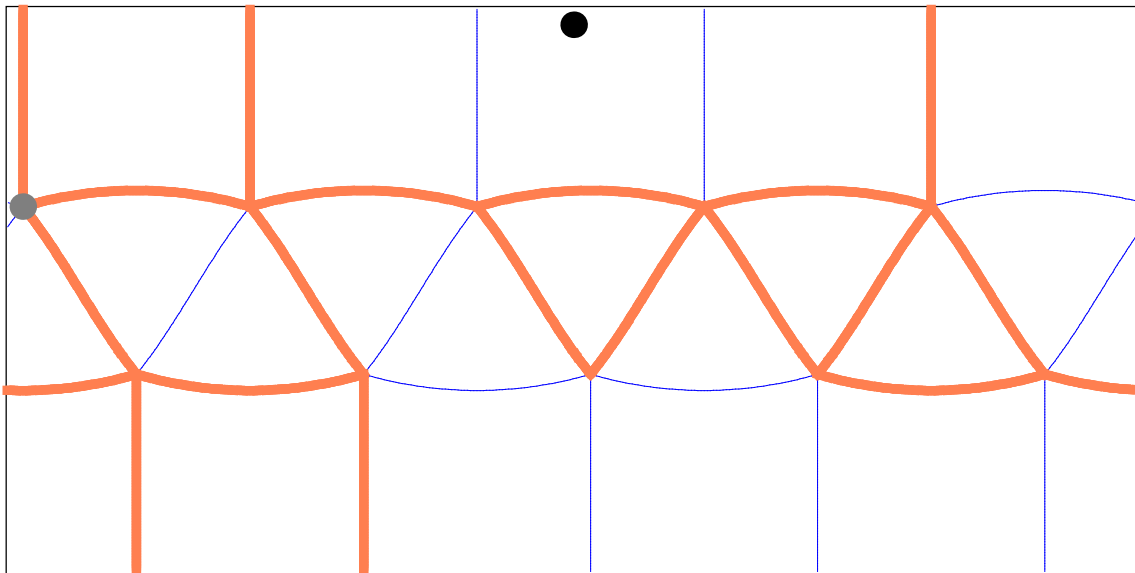
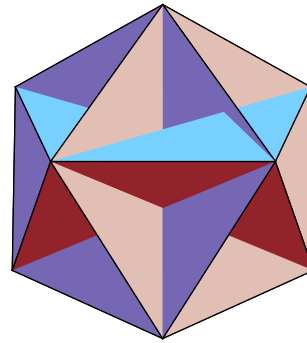
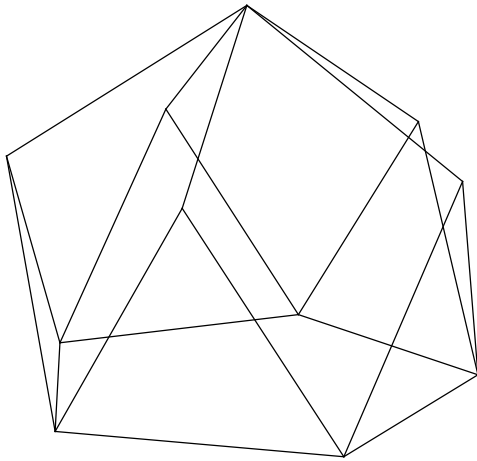
small stellated dodecahedron $\left\{\frac{5}{2}, \frac{5}{2}, \frac{5}{2}, \frac{5}{2}, \frac{5}{2}\right\}$



20.

great dodecahedron

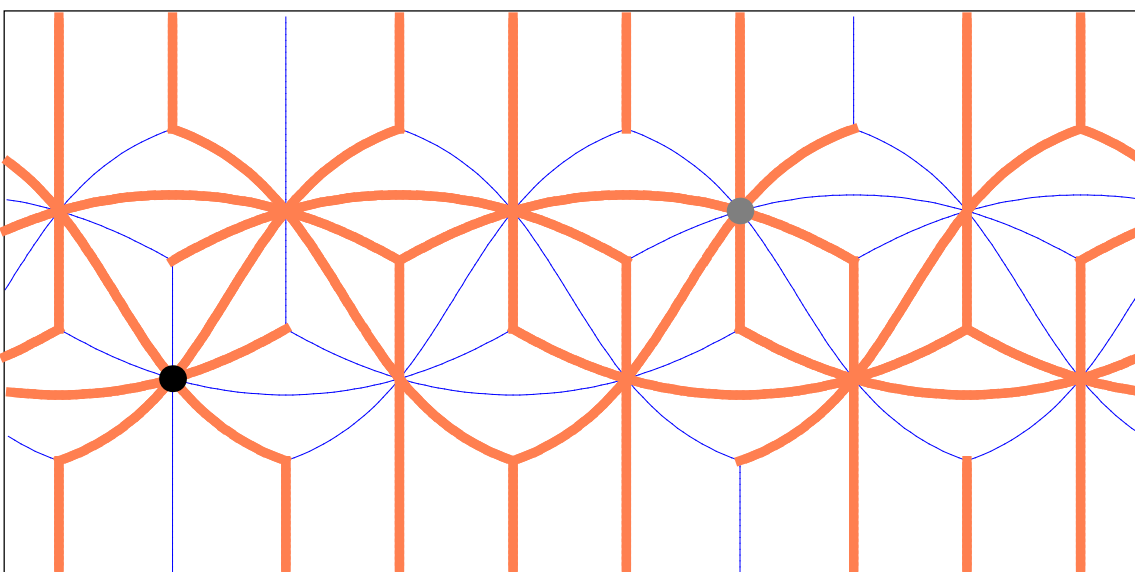
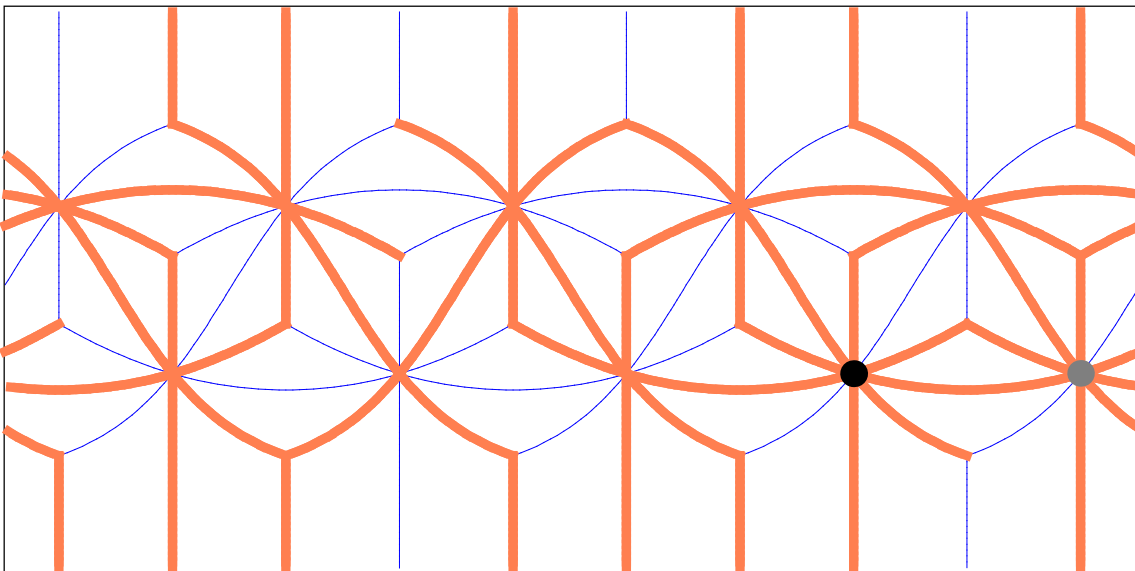
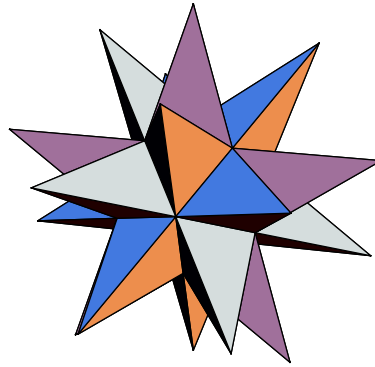
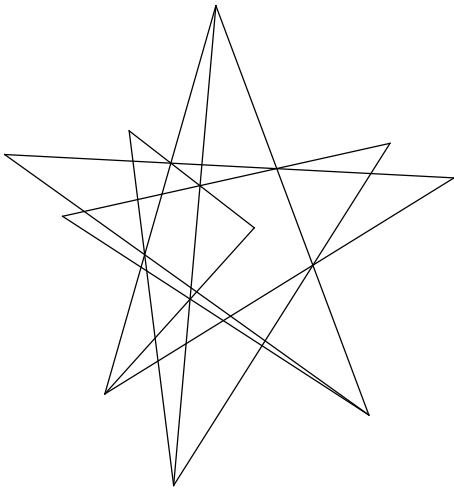
$$\frac{1}{2} \{5, 5, 5, 5\}$$



21.

great stellated dodecahedron

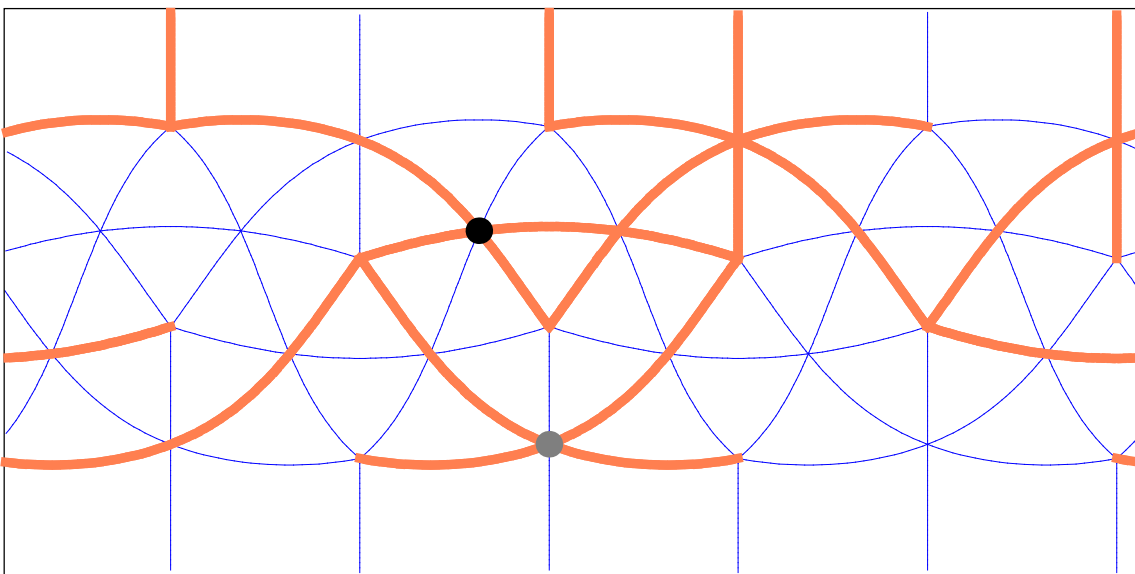
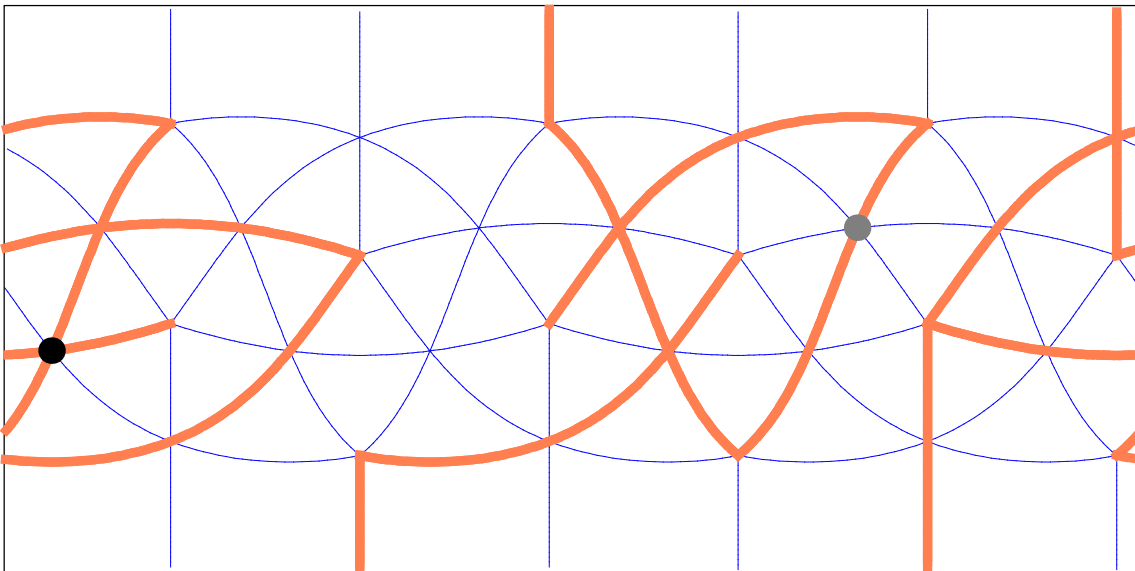
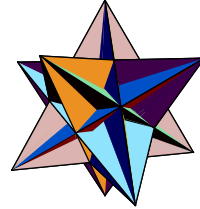
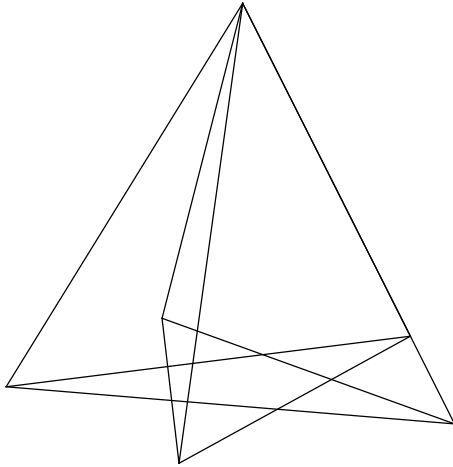
$$\left\{ \frac{5}{2}, \frac{5}{2}, \frac{5}{2} \right\}$$



22.

great icosahedron

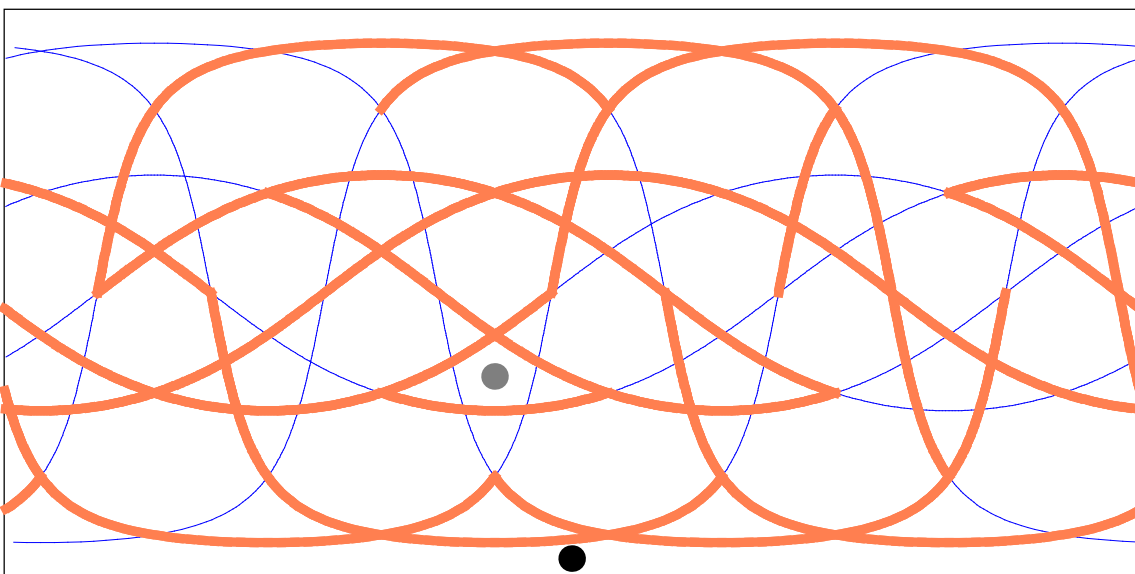
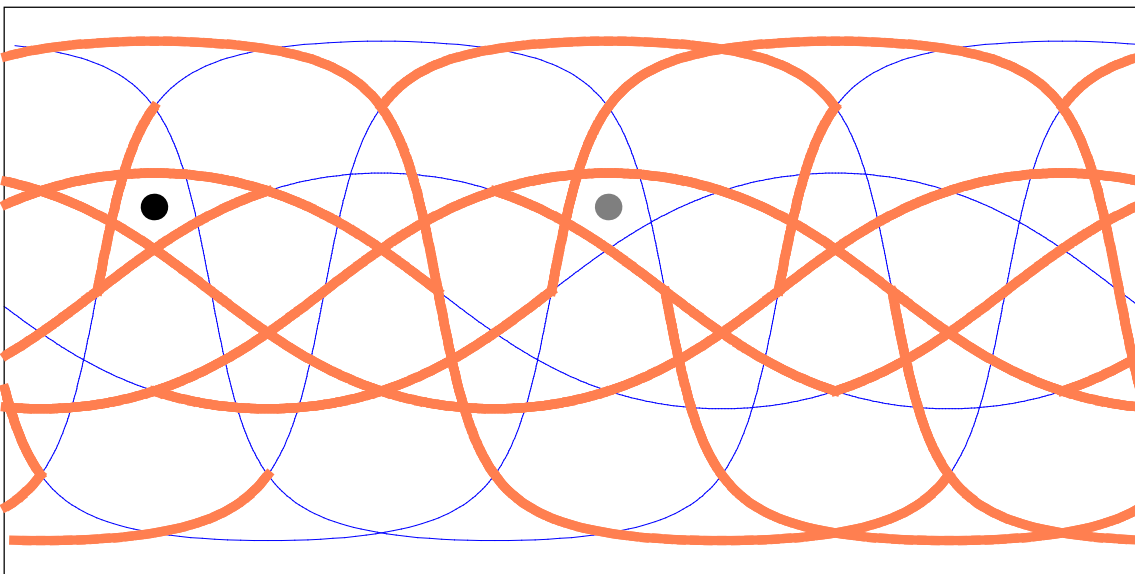
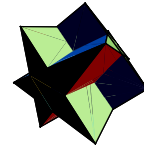
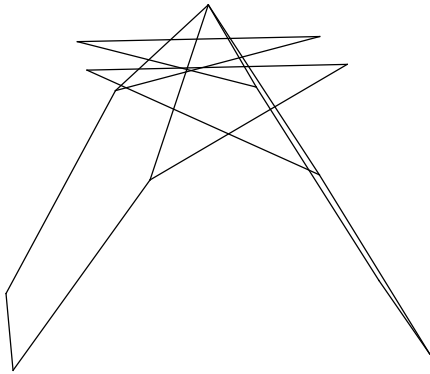
$$\frac{1}{2} \{3, 3, 3, 3, 3\}$$



23.

dodecadodecahedron

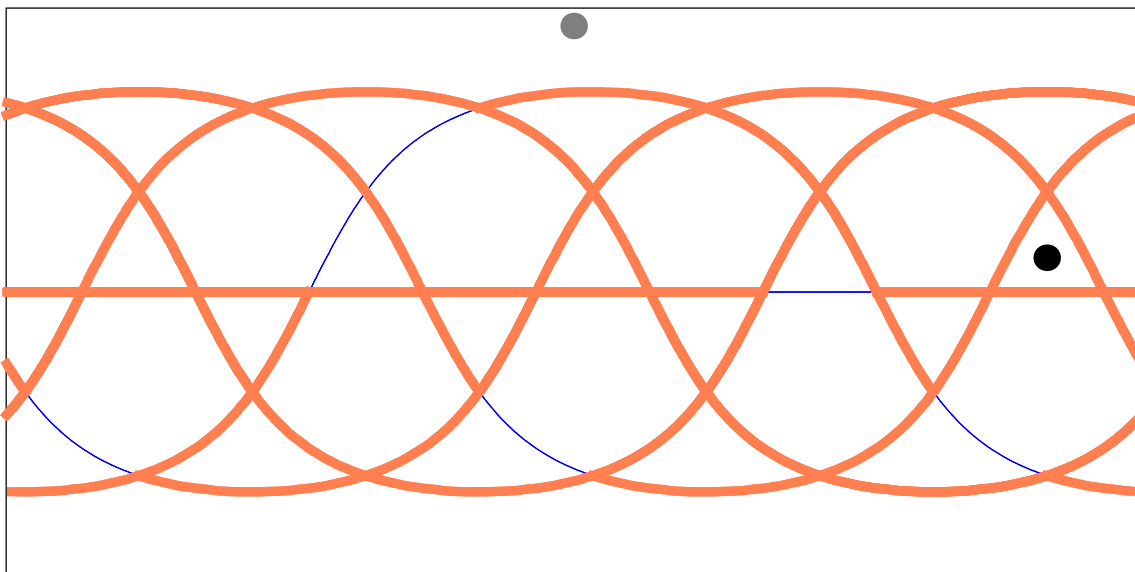
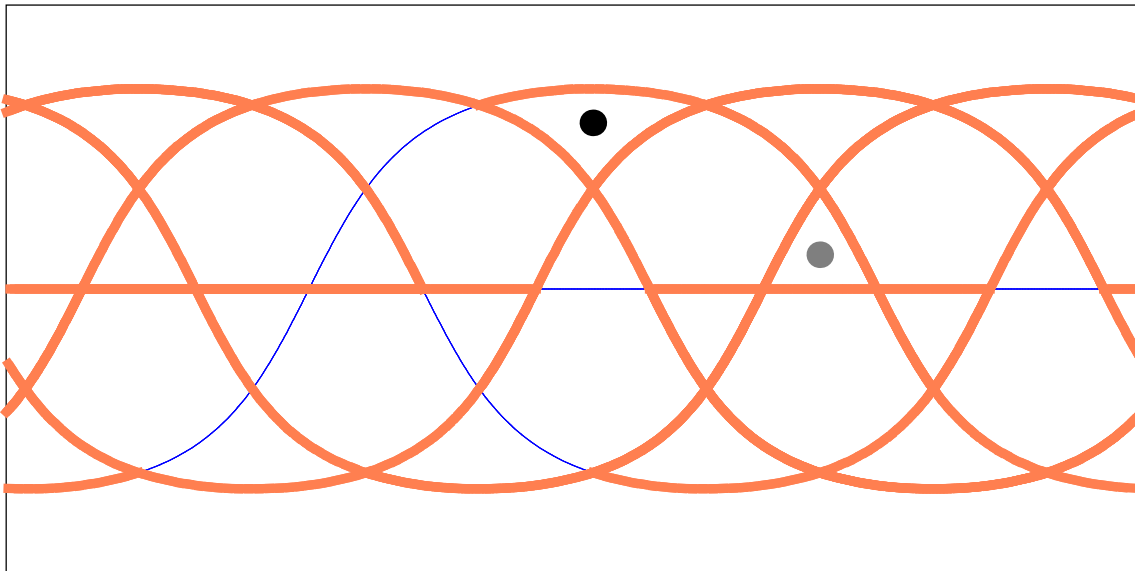
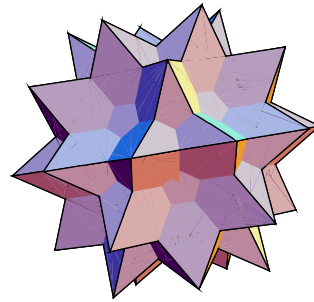
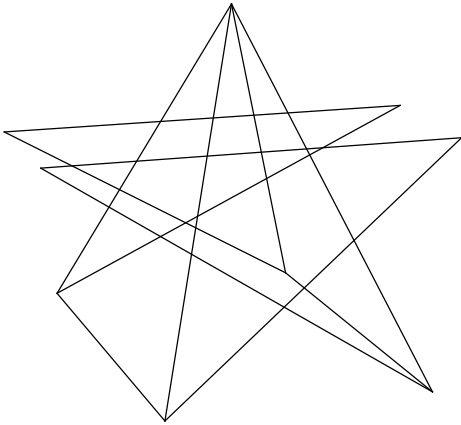
$$\left\{ \frac{5}{2}, 5, \frac{5}{2}, 5 \right\}$$



24.

great icosidodecahedron

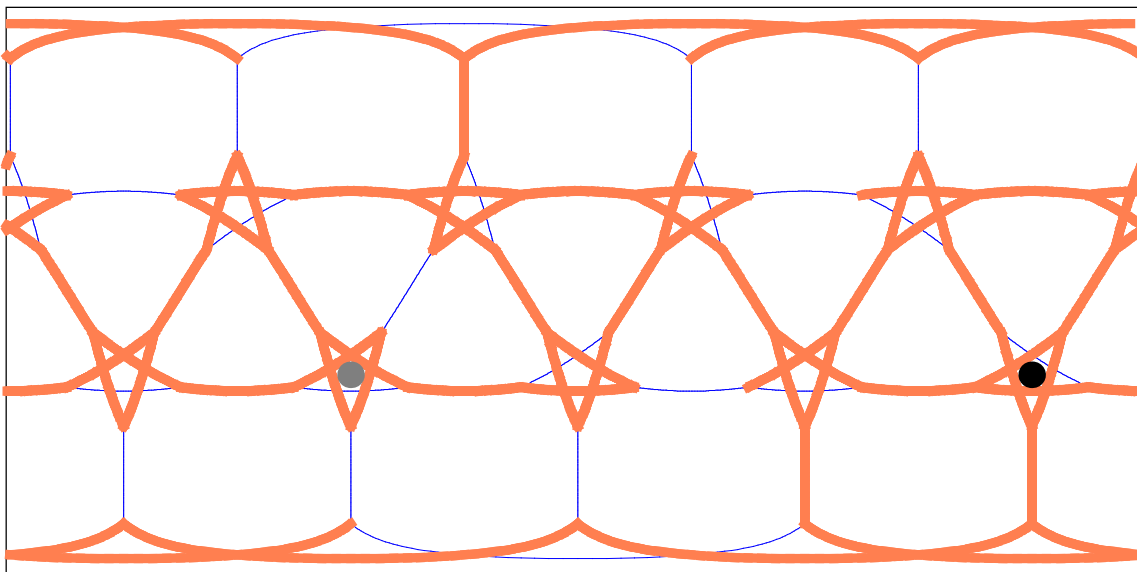
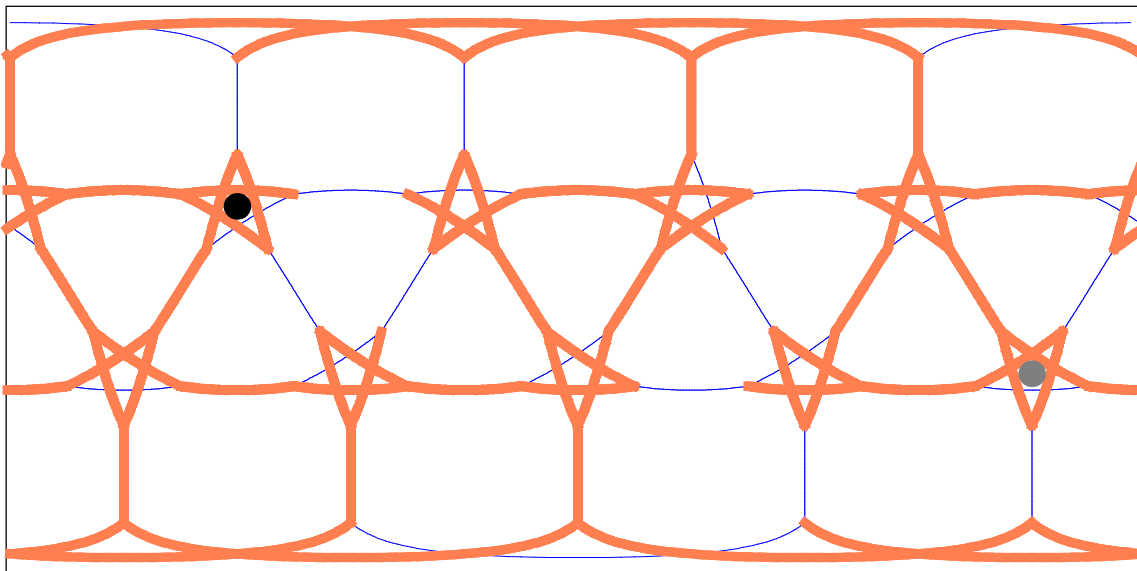
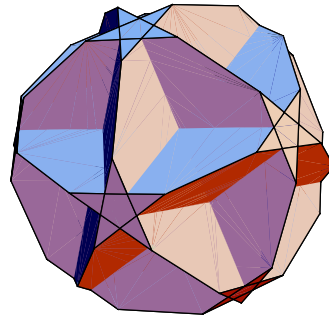
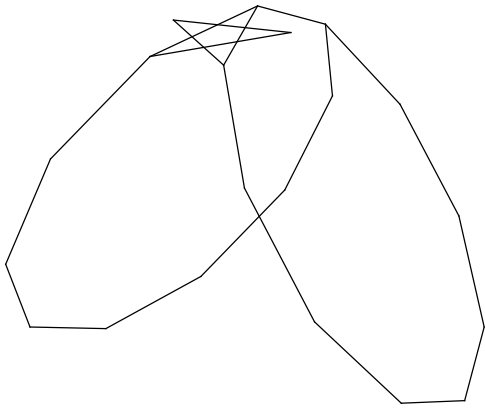
$$\left\{ \frac{5}{2}, 3, \frac{5}{2}, 3 \right\}$$



25.

truncated great dodecahedron

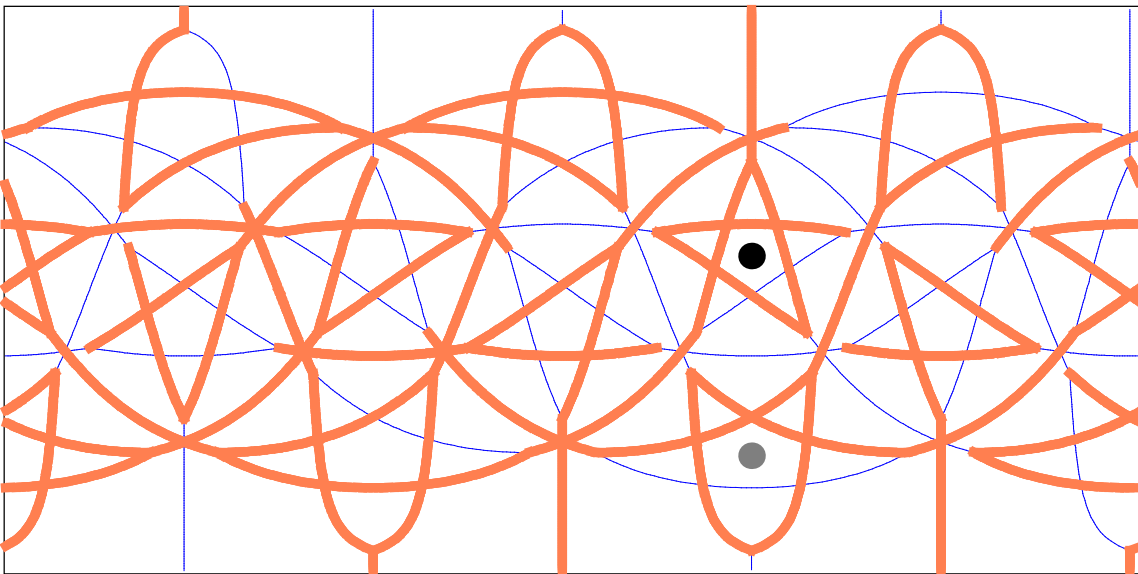
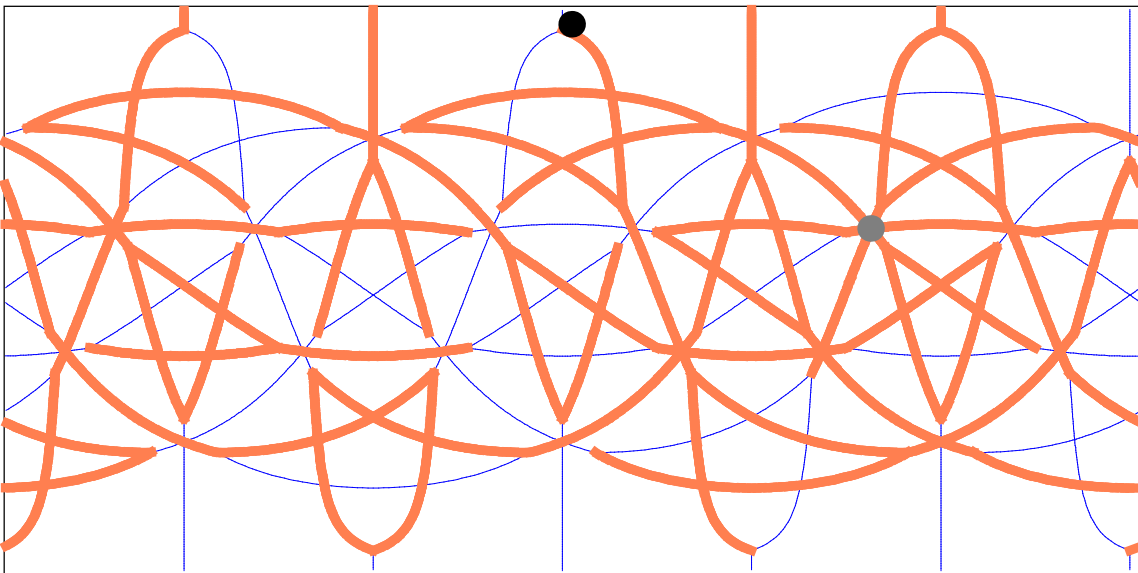
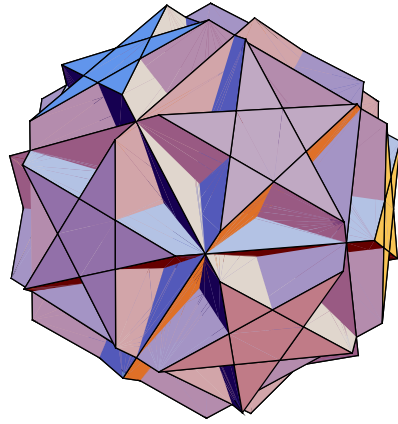
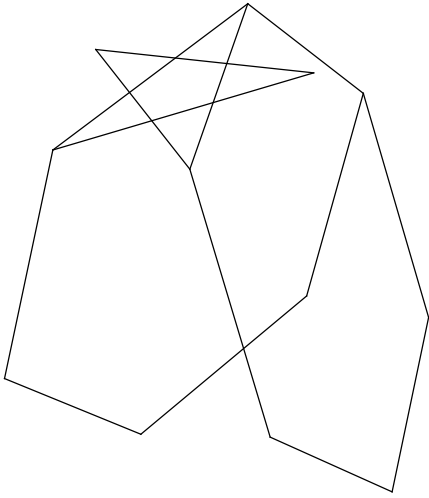
$$\{10, 10, \frac{5}{2}\}$$



26.

great truncated icosahedron

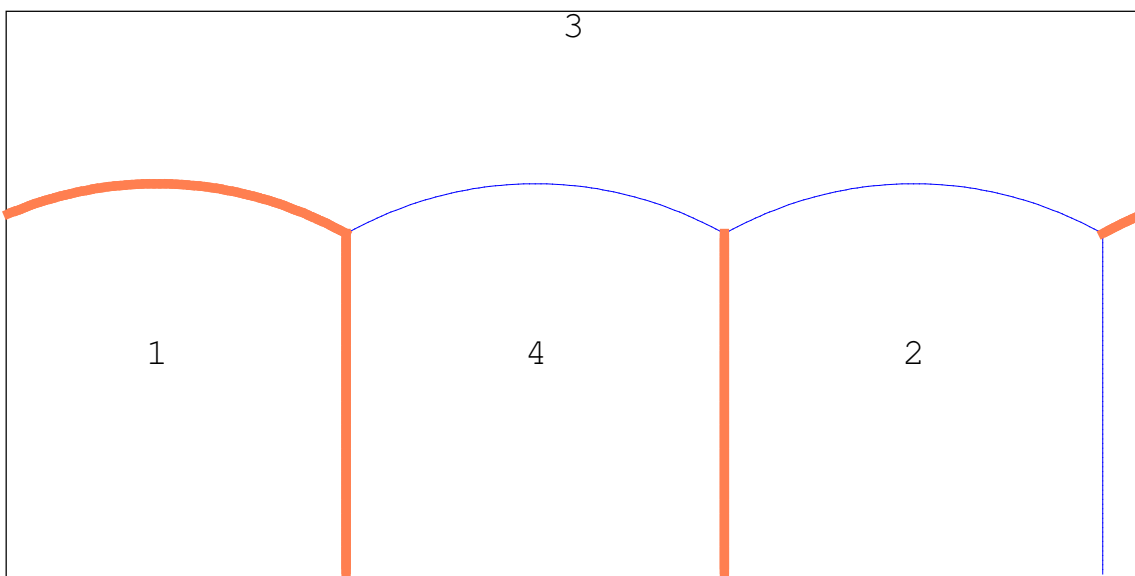
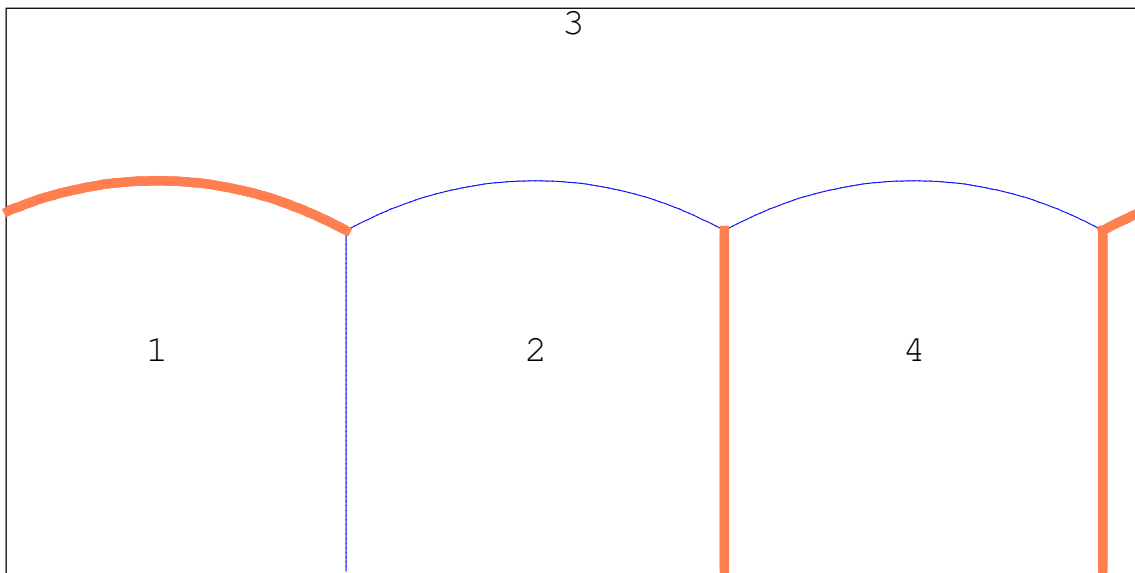
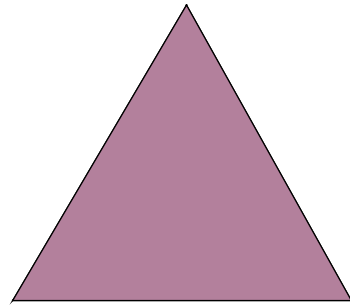
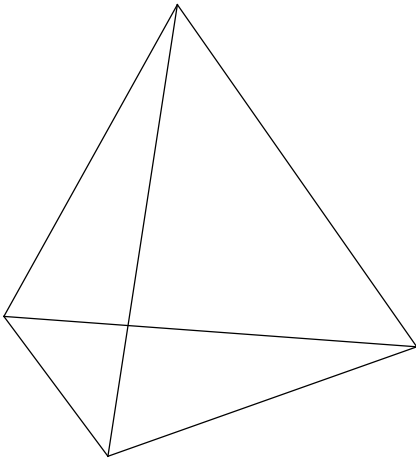
$$\{6, 6, \frac{5}{2}\}$$



1.

tetrahedron

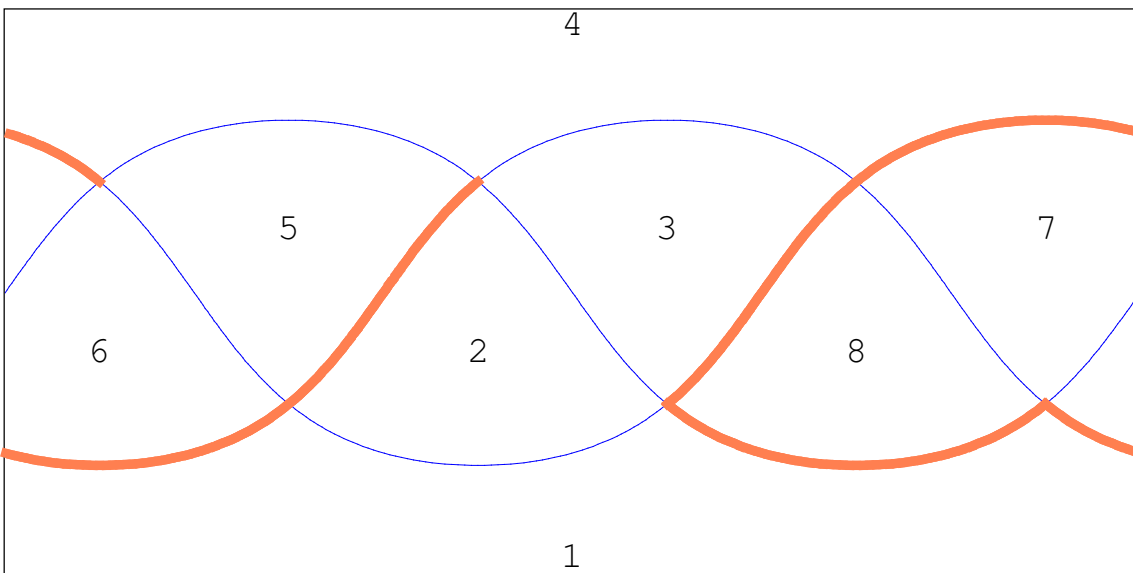
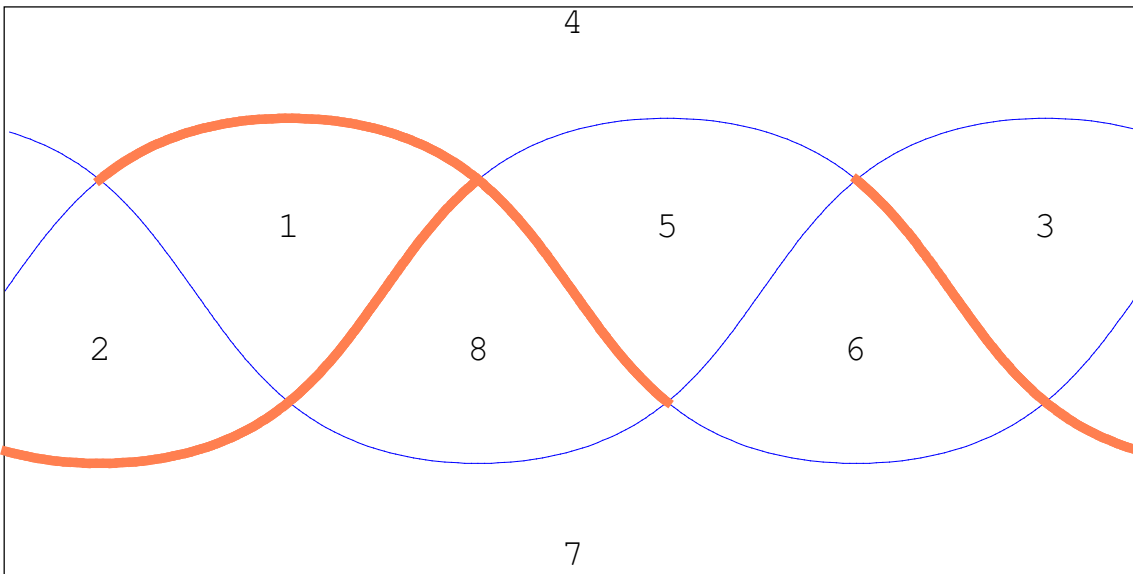
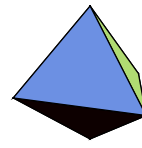
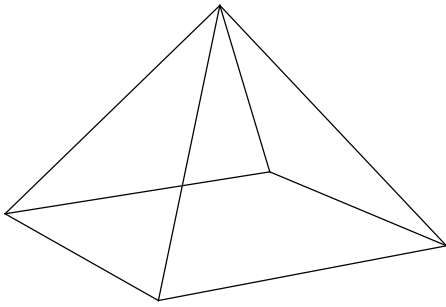
{3, 3, 3}



2.

octahedron

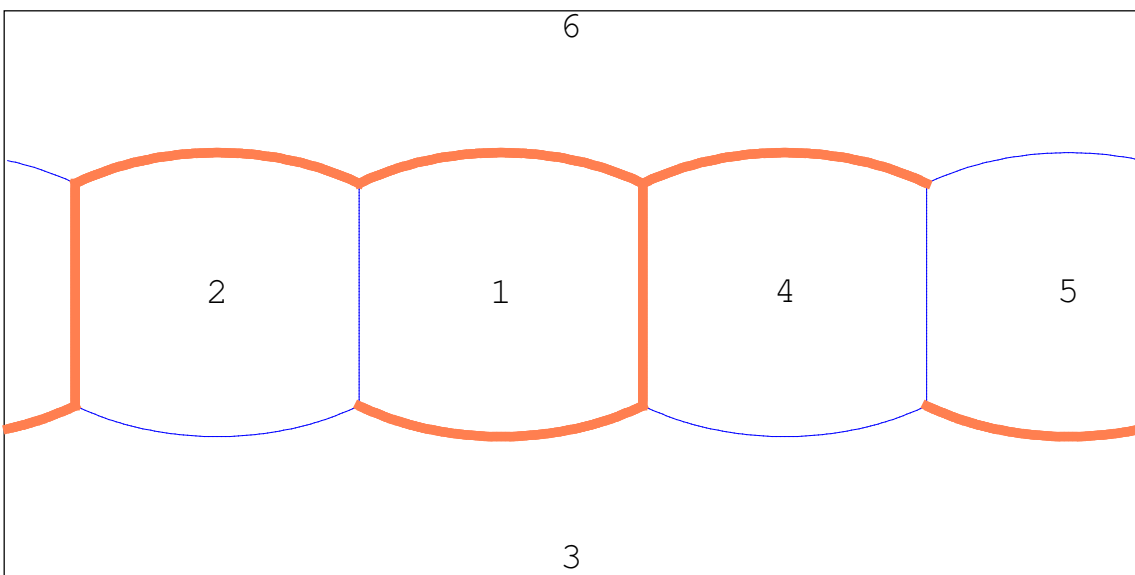
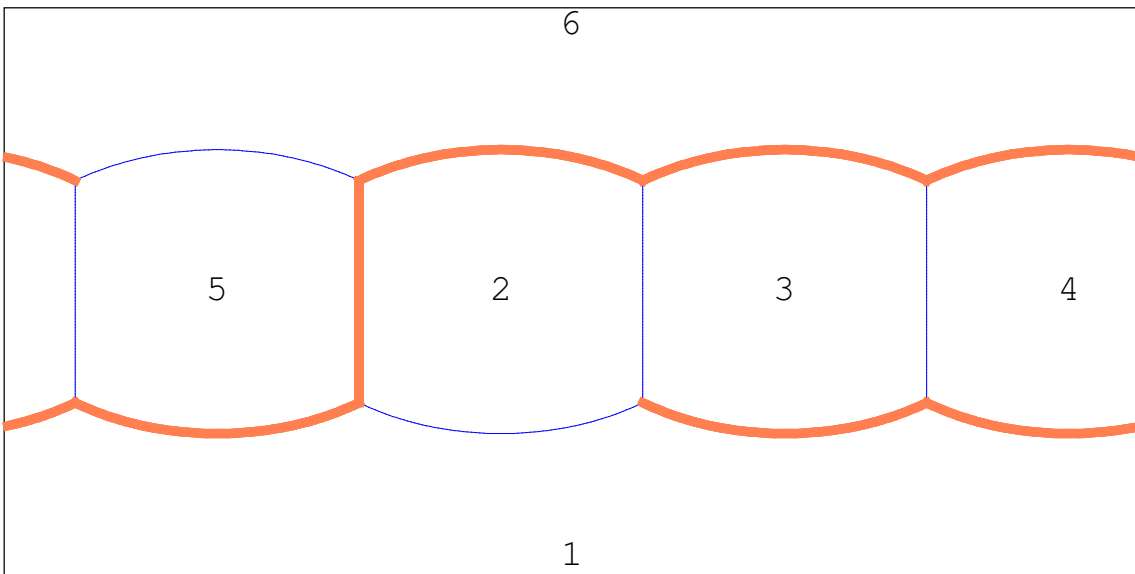
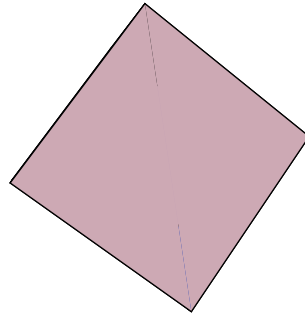
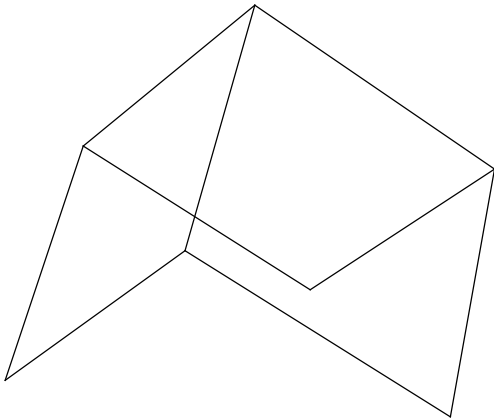
{3, 3, 3, 3}



3.

cube

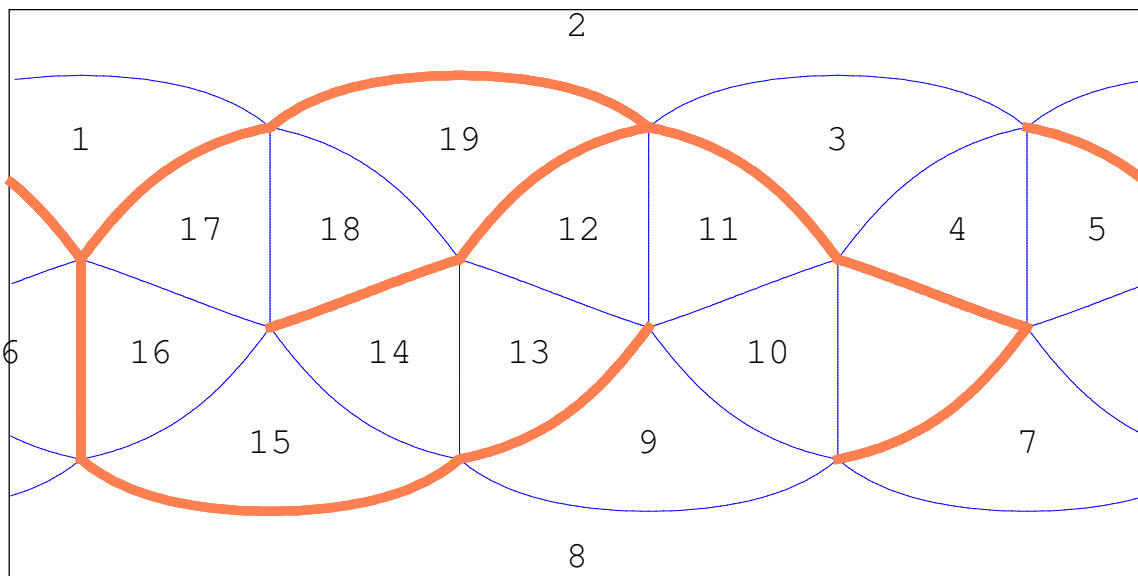
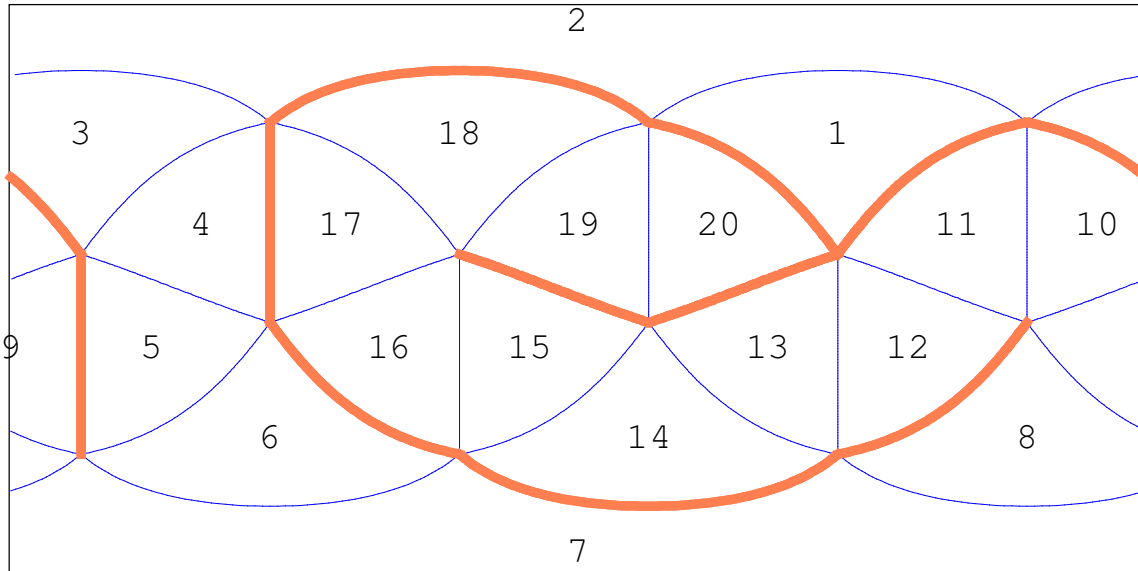
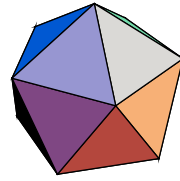
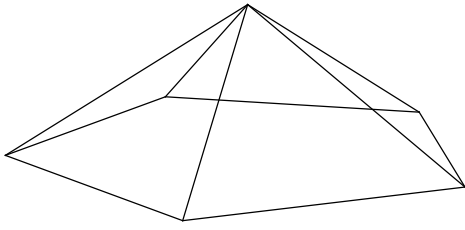
{4, 4, 4}



4.

icosahedron

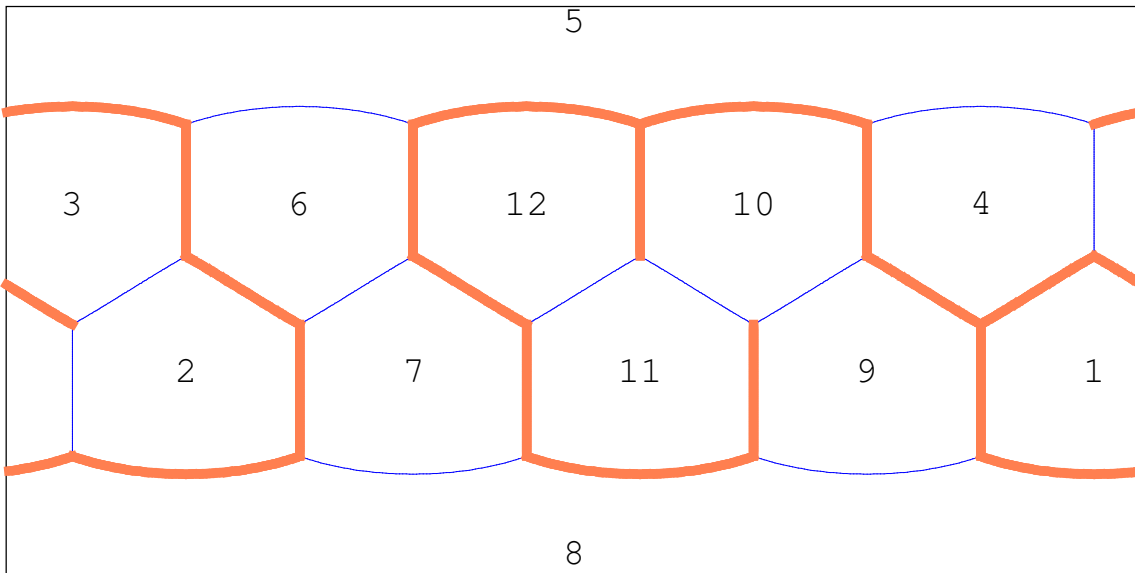
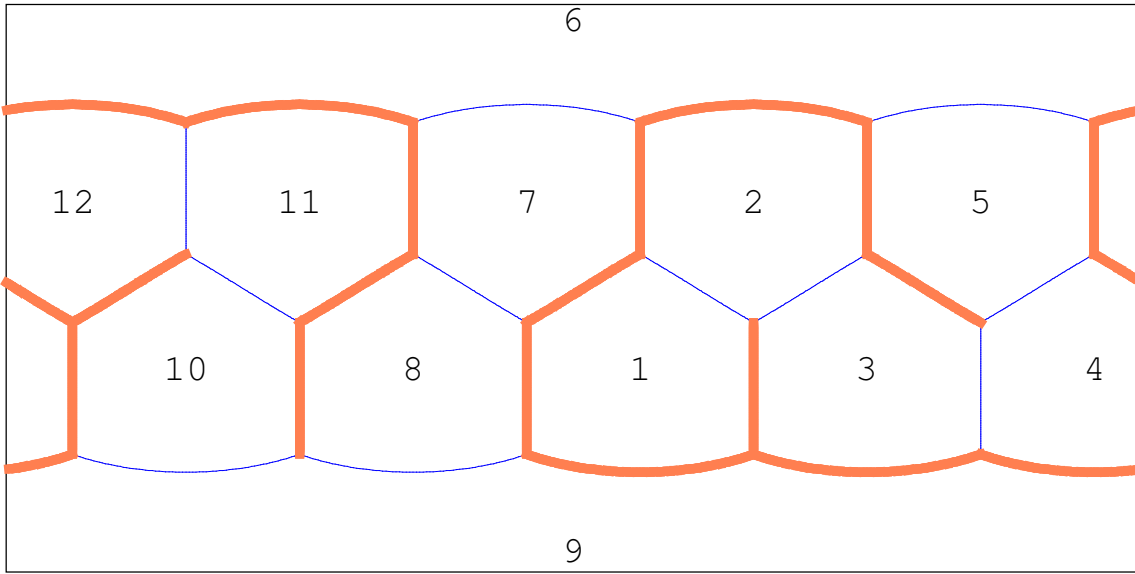
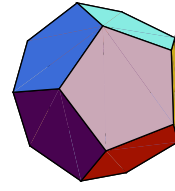
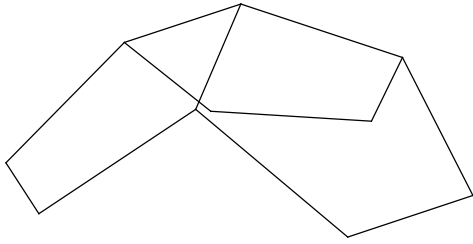
{3, 3, 3, 3, 3}



5.

dodecahedron

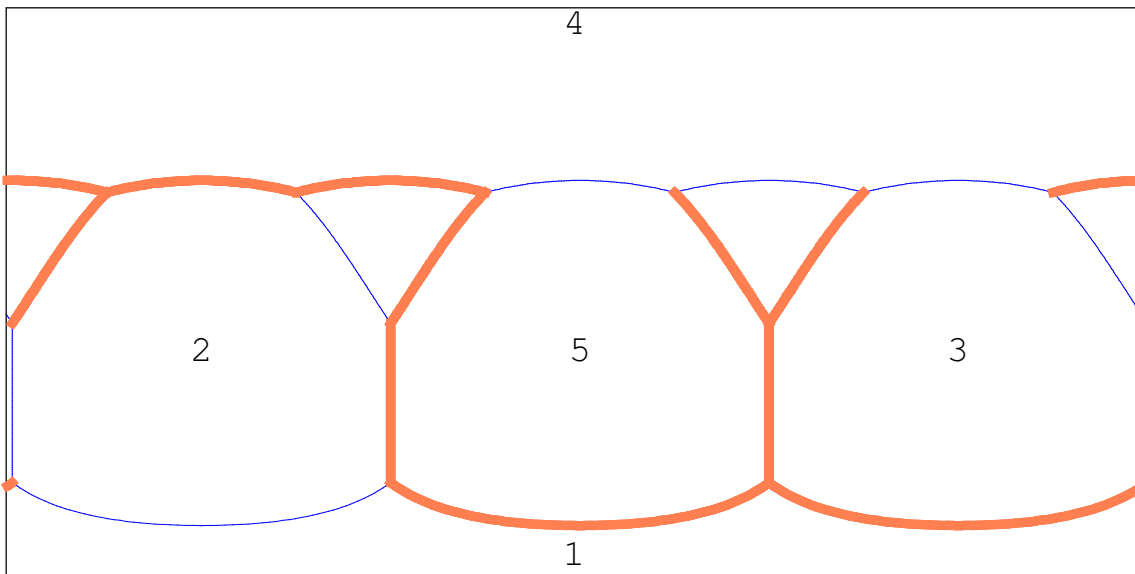
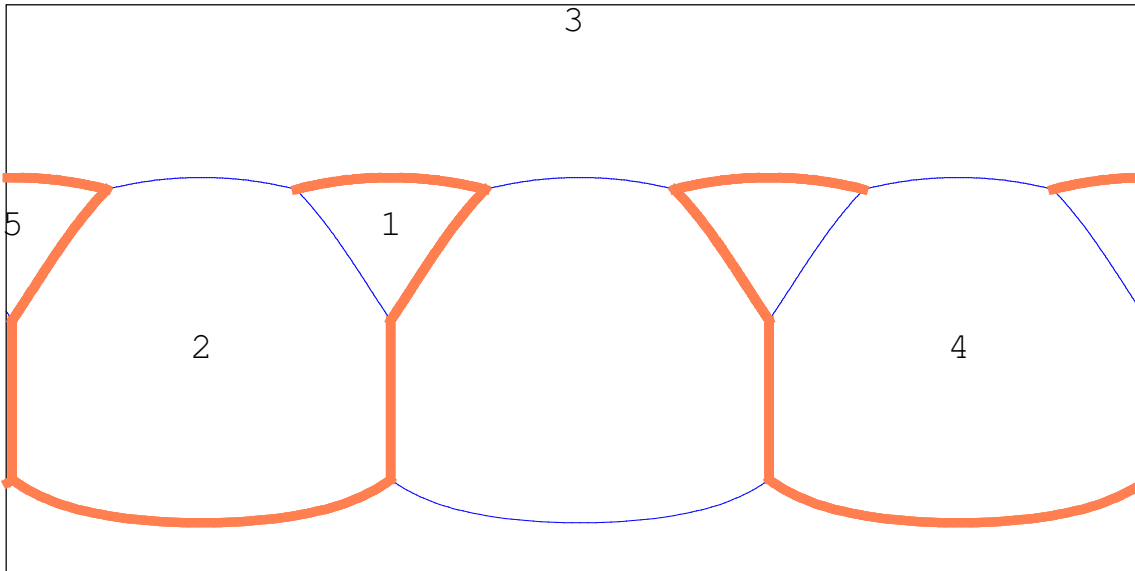
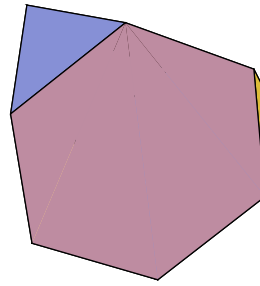
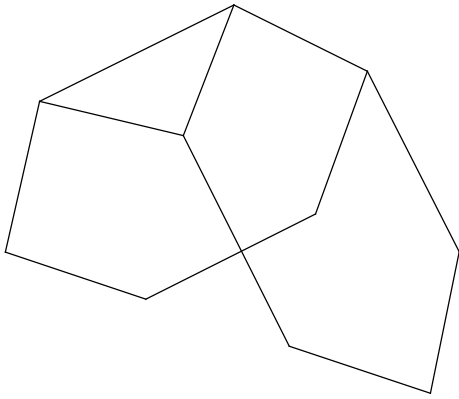
{5, 5, 5}



6.

truncated tetrahedron

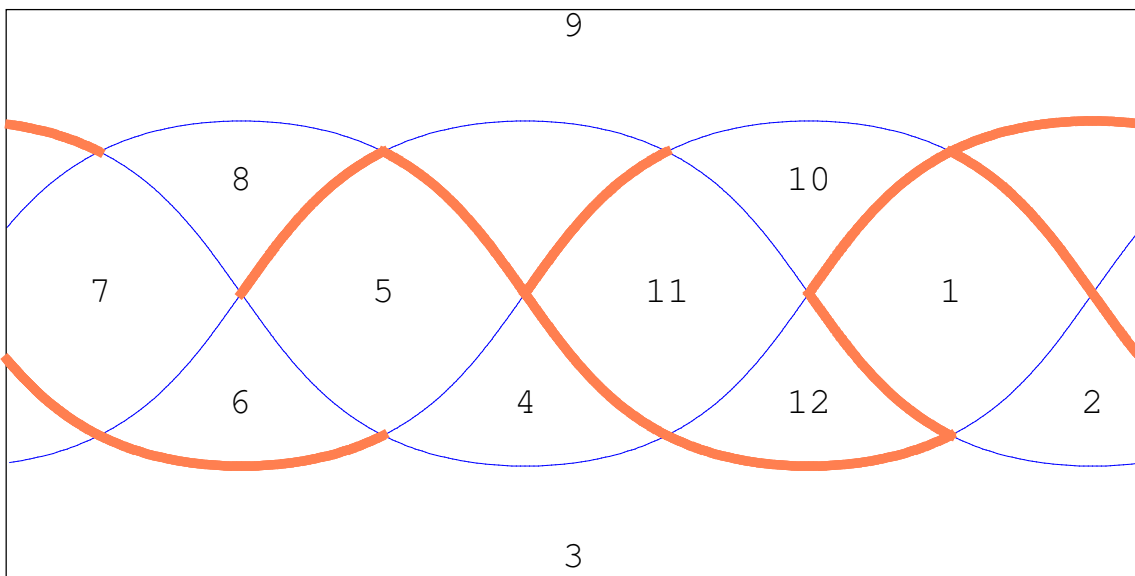
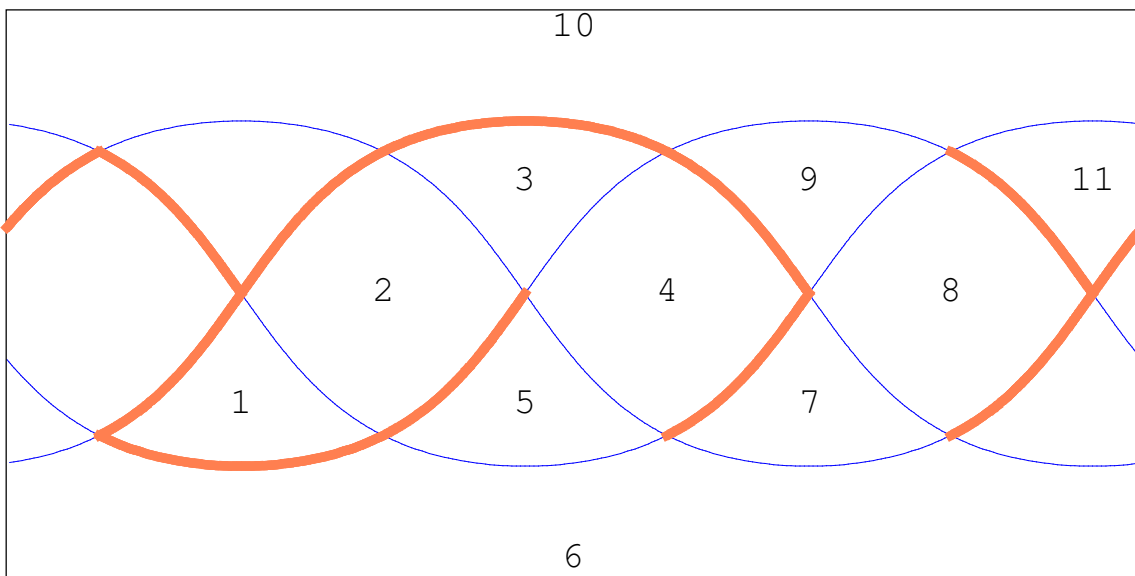
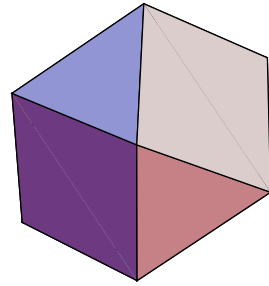
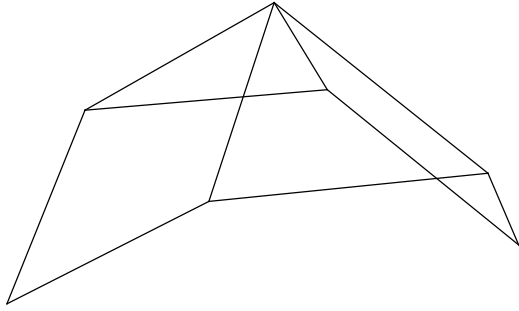
{6, 6, 3}



7.

cuboctahedron

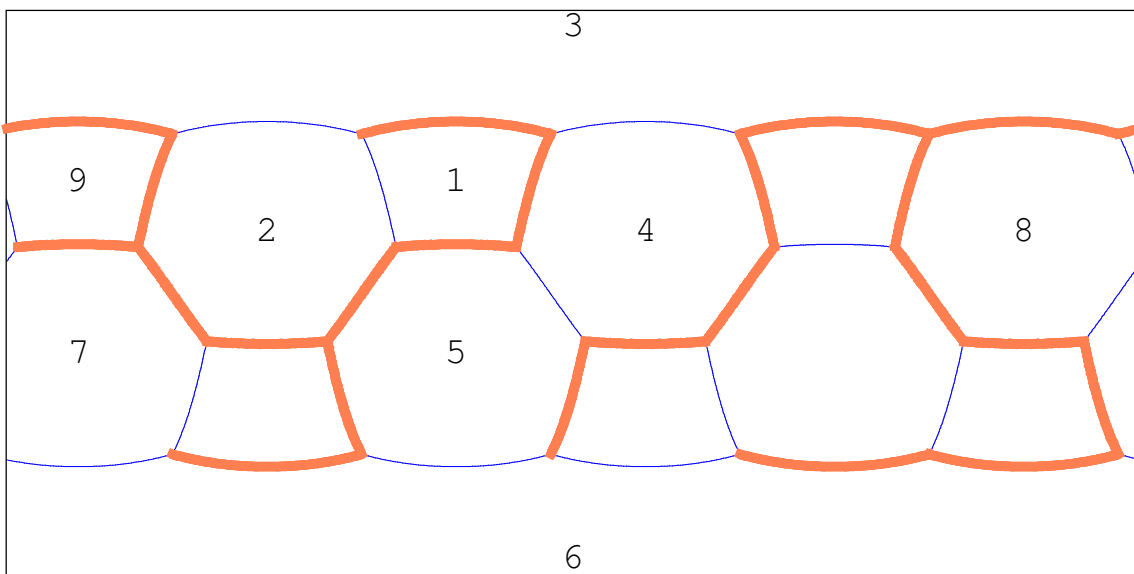
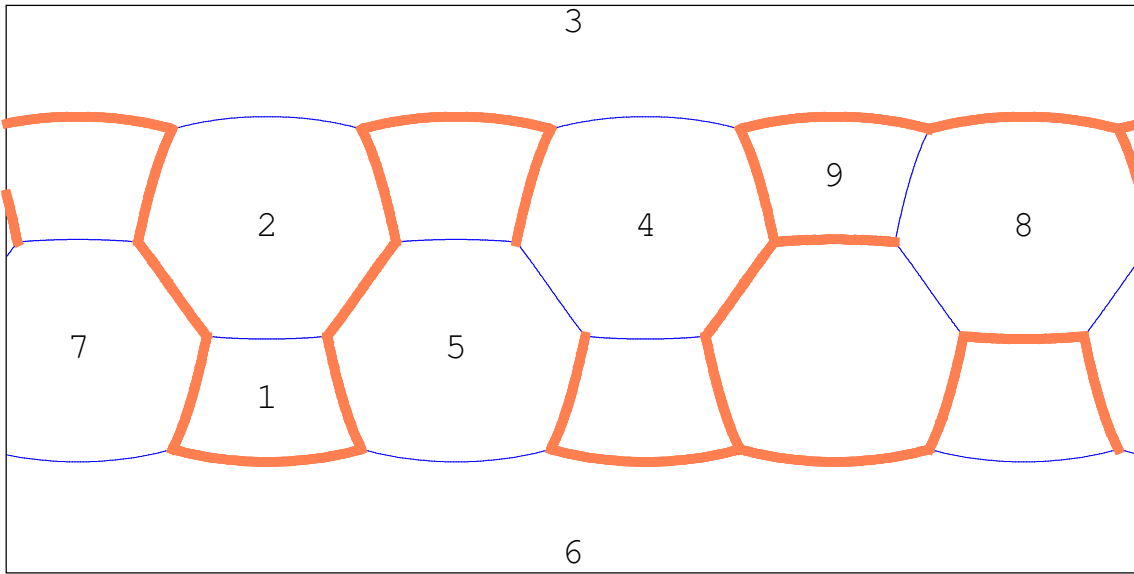
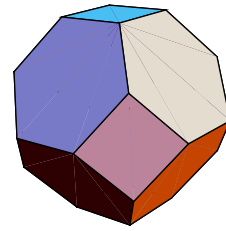
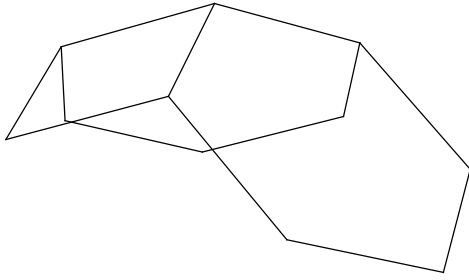
{3, 4, 3, 4}



8.

truncated octahedron

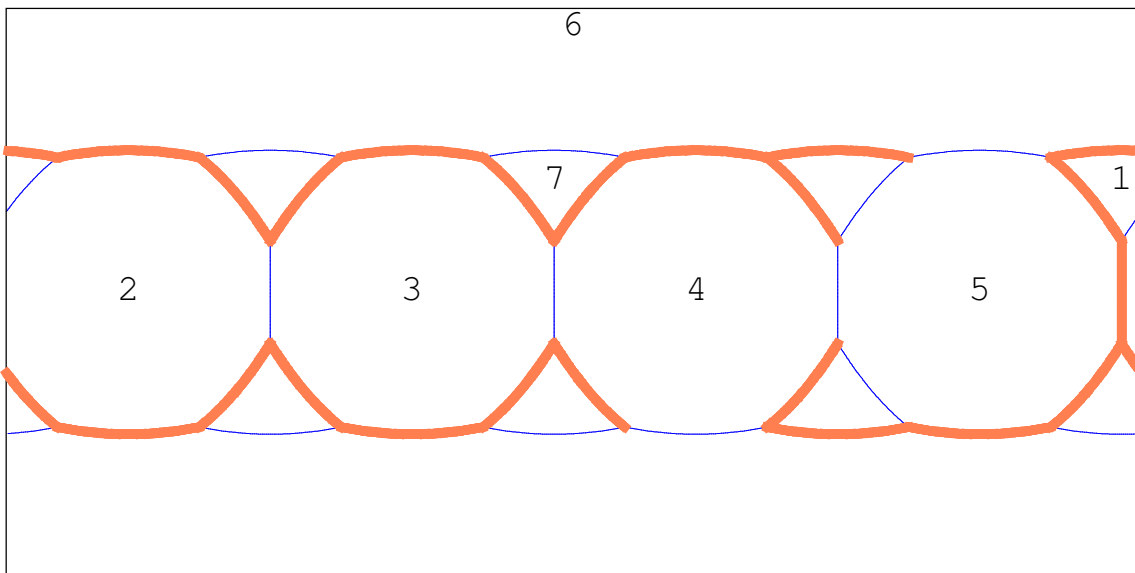
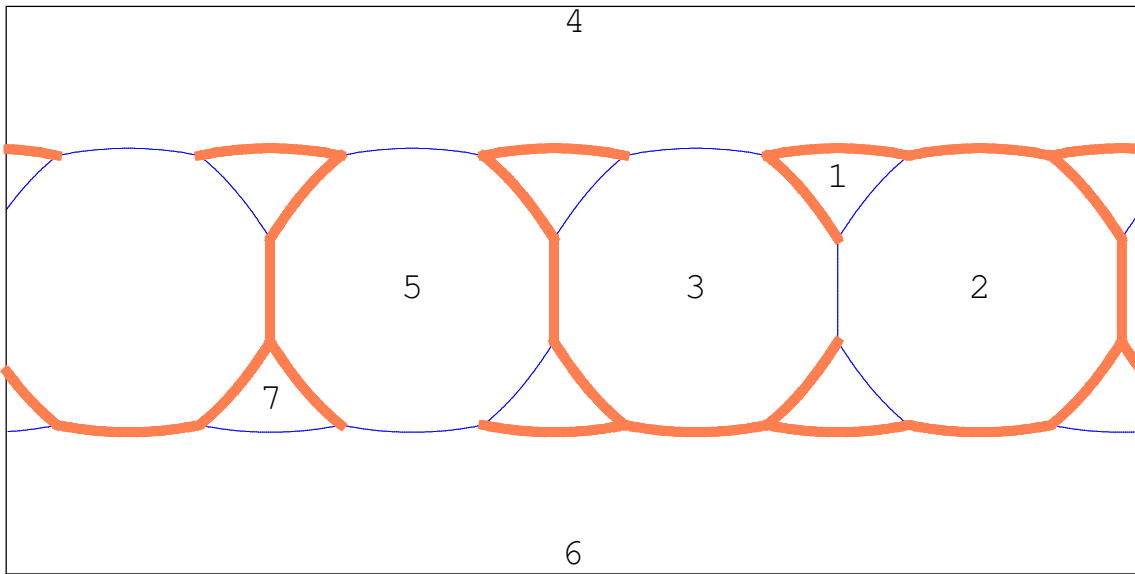
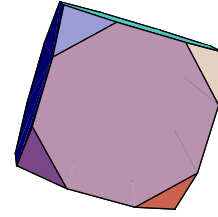
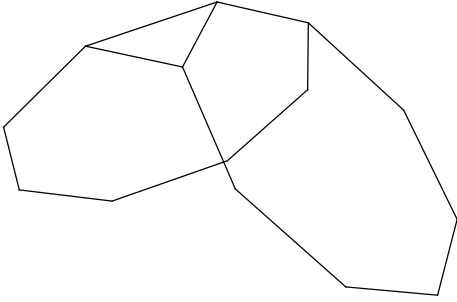
{6, 6, 4}



9.

truncated cube

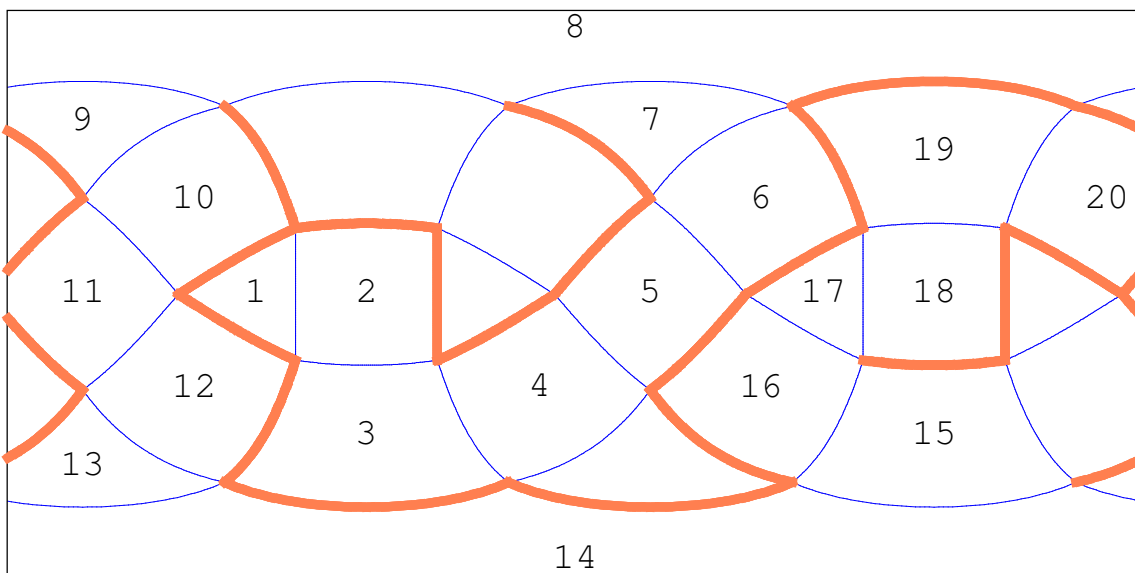
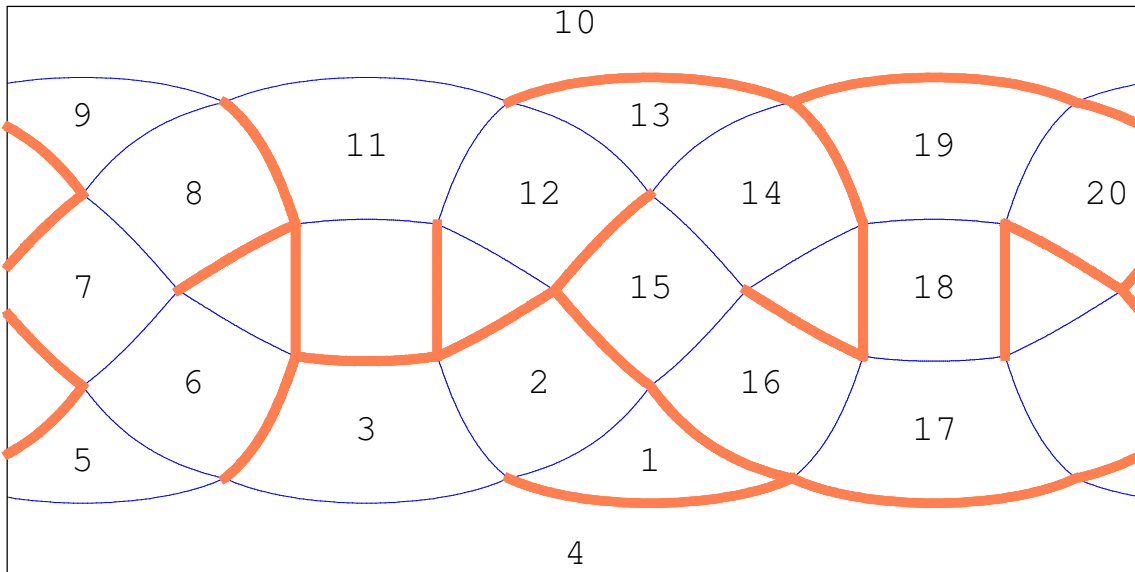
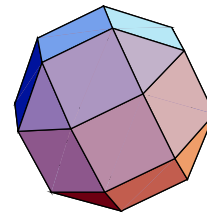
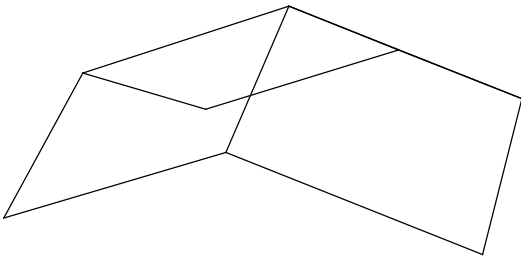
{8, 8, 3}



10.

rhombicuboctahedron

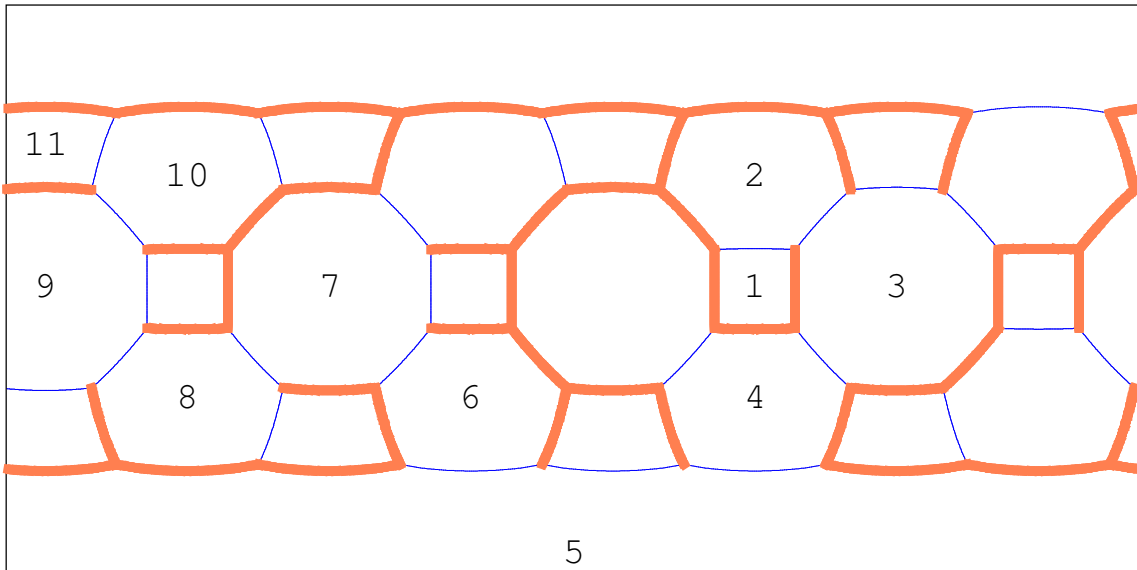
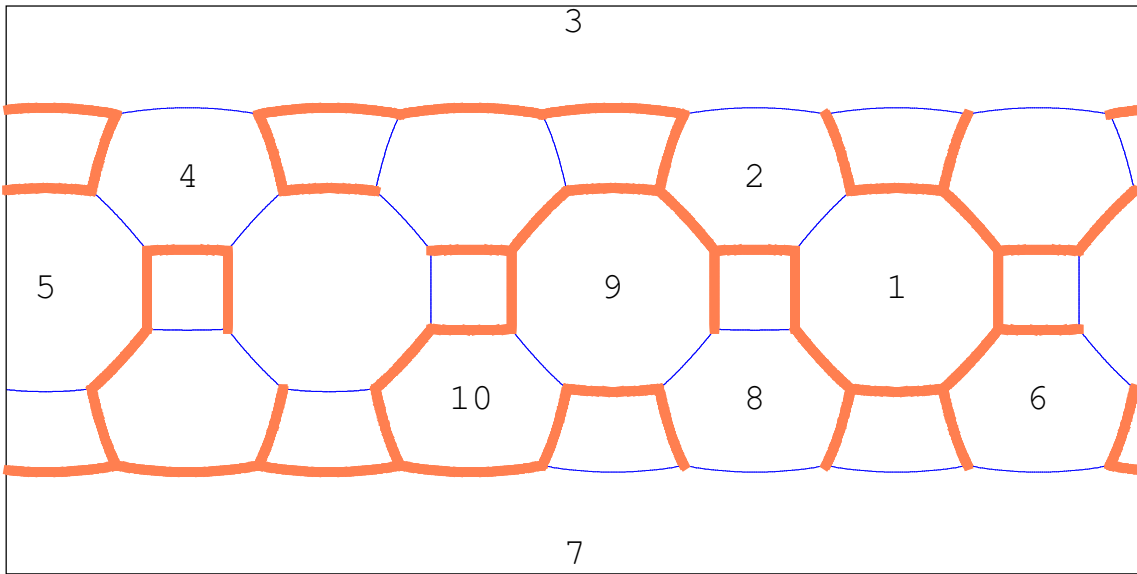
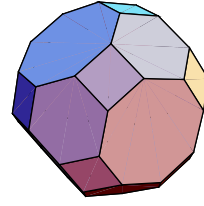
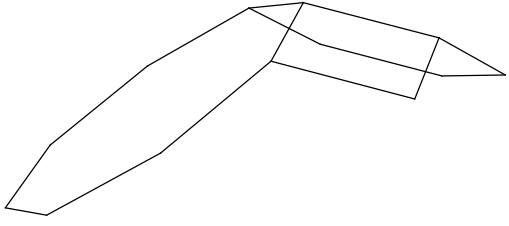
{4, 3, 4, 4}



11.

truncated cuboctahedron

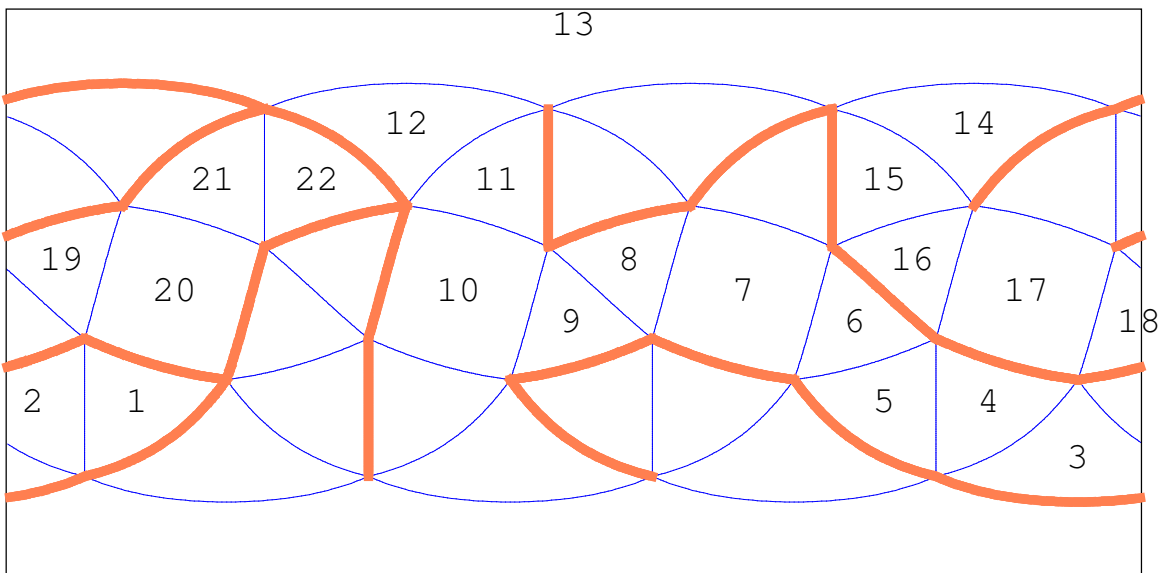
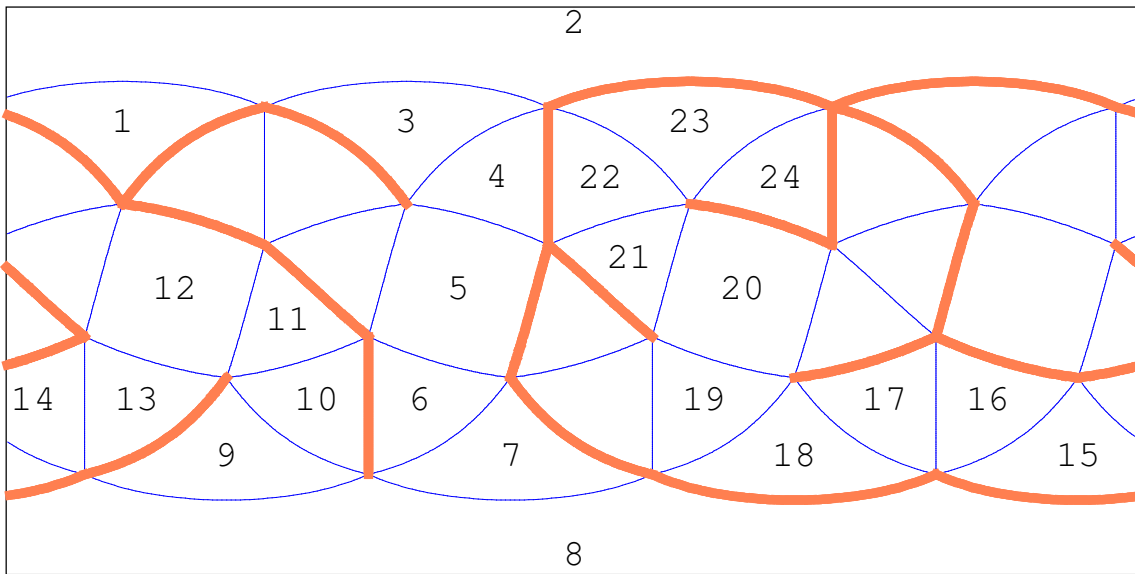
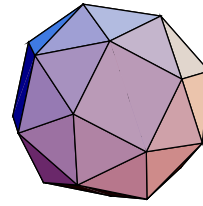
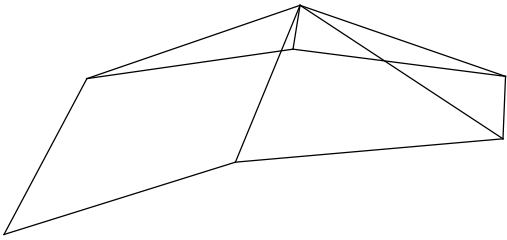
{4, 6, 8}



12.

snub cube

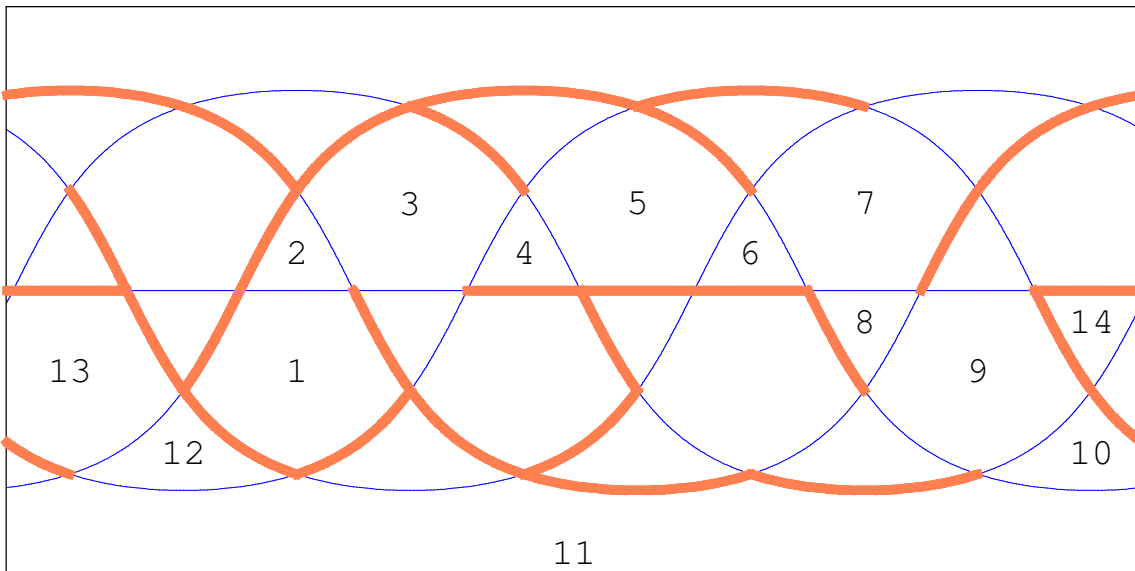
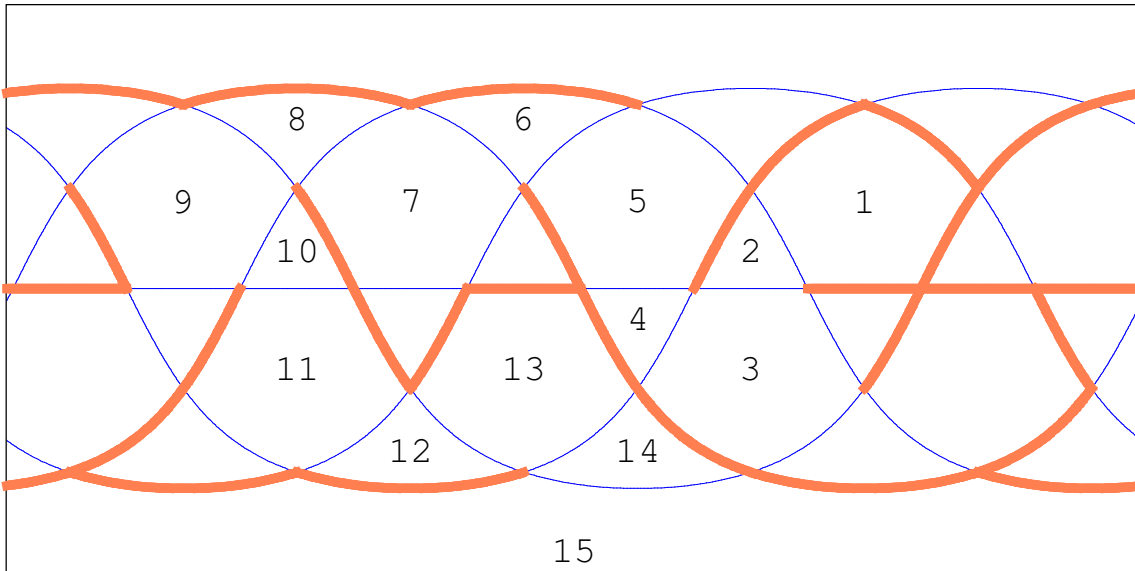
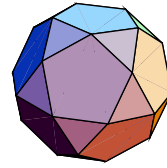
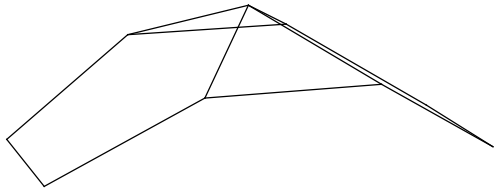
$\{3, 3, 3, 3, 4\}$



13.

icosidodecahedron

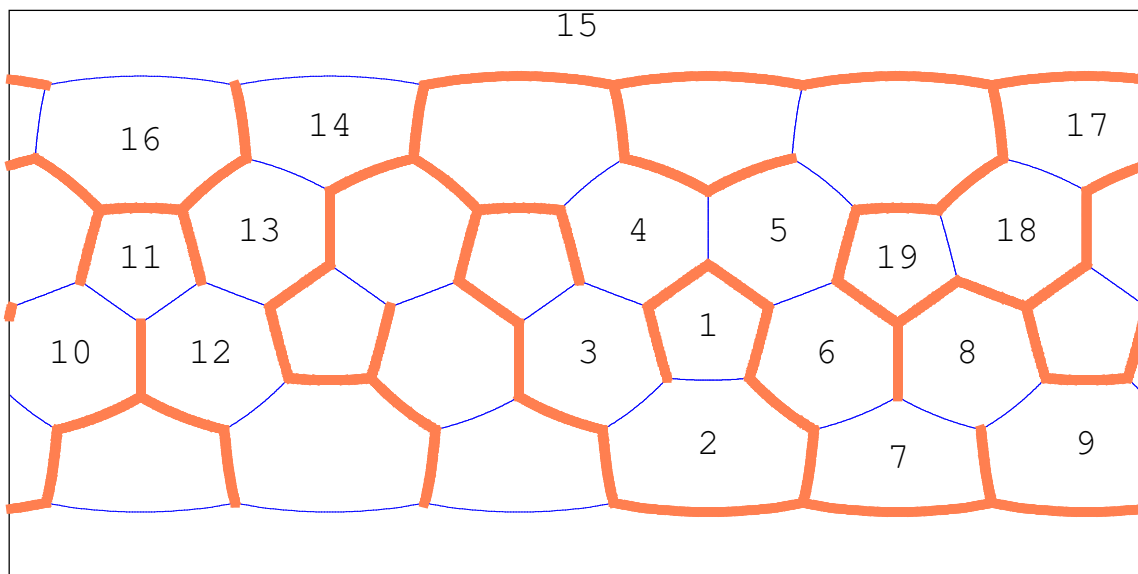
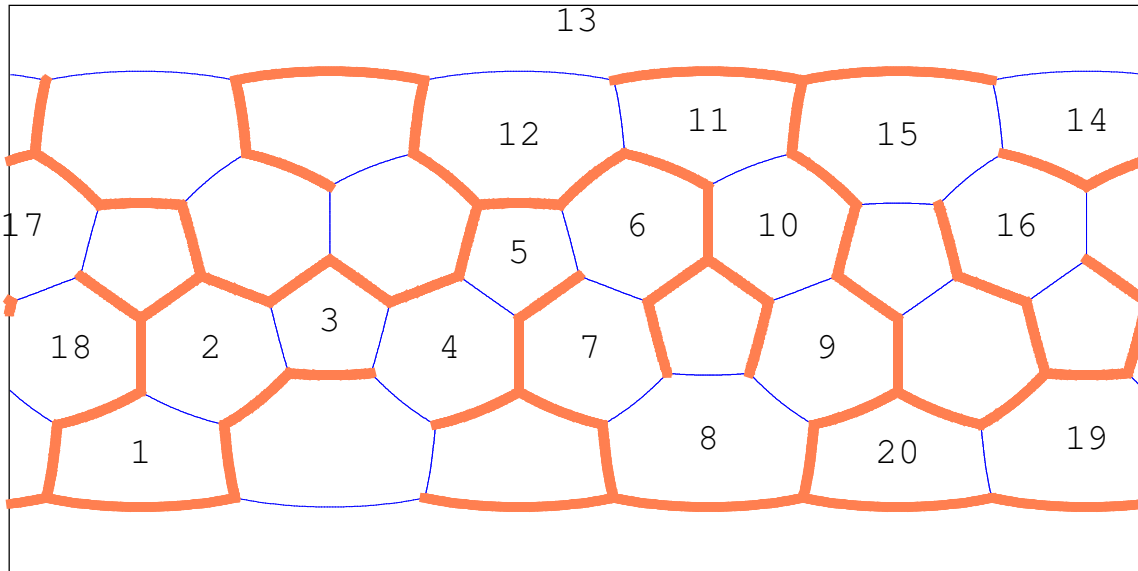
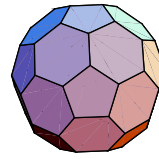
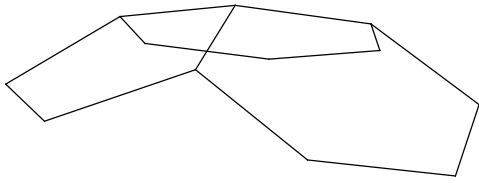
{3, 5, 3, 5}



14.

truncated icosahedron

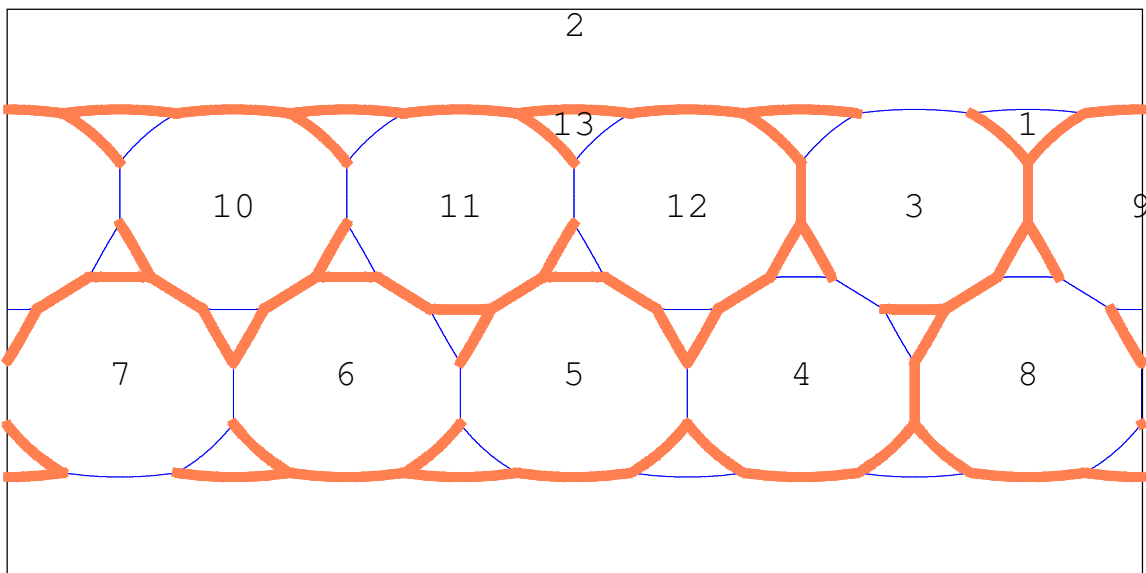
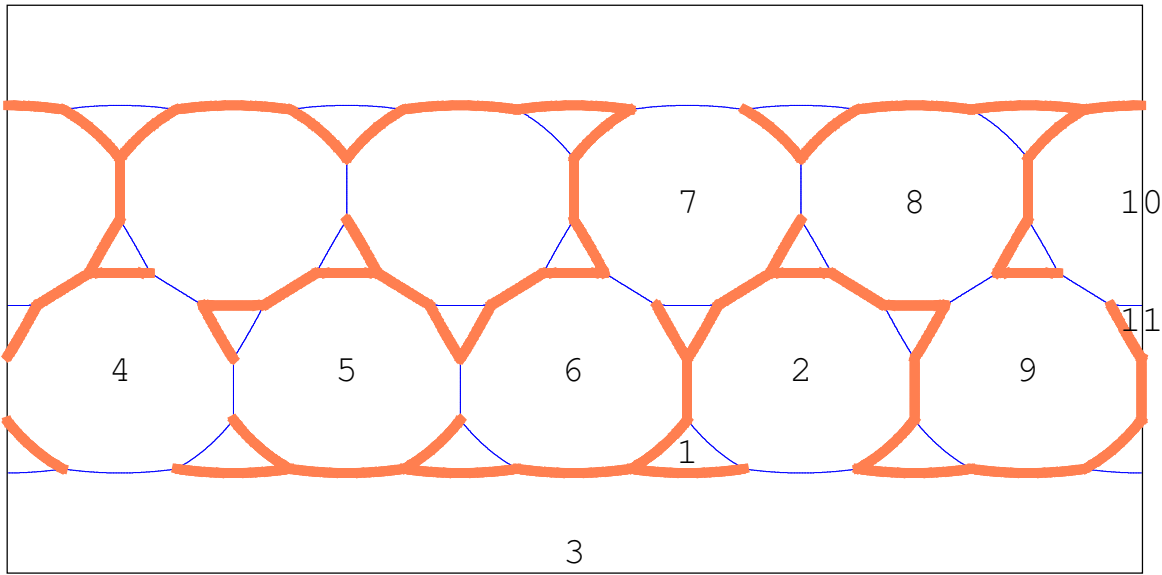
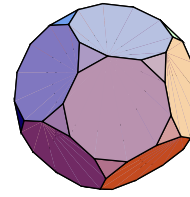
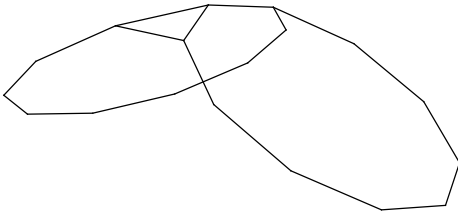
{6, 6, 5}



15.

truncated dodecahedron

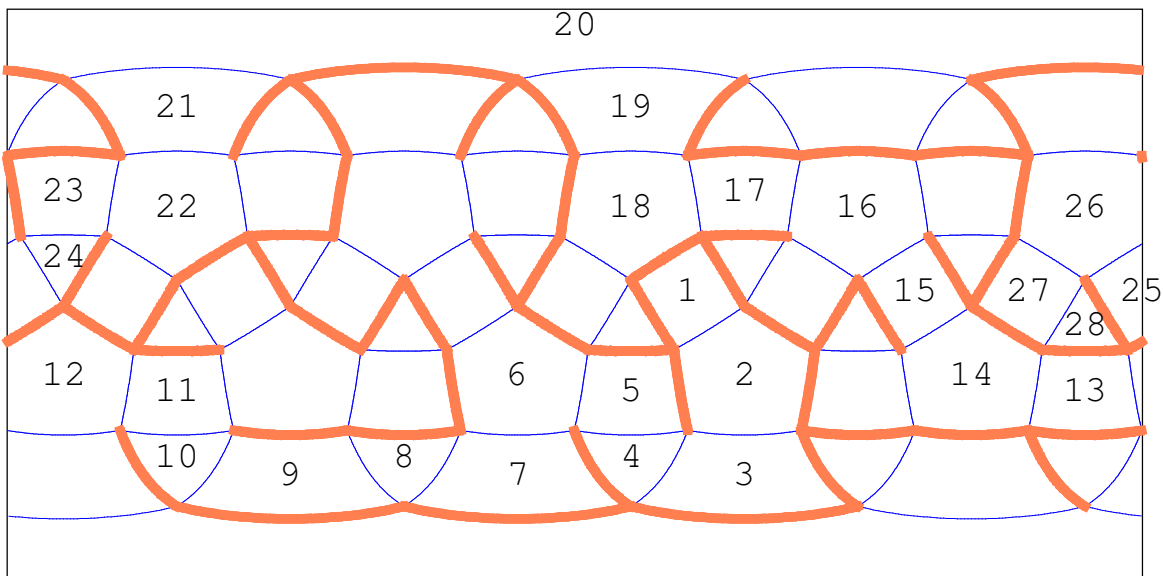
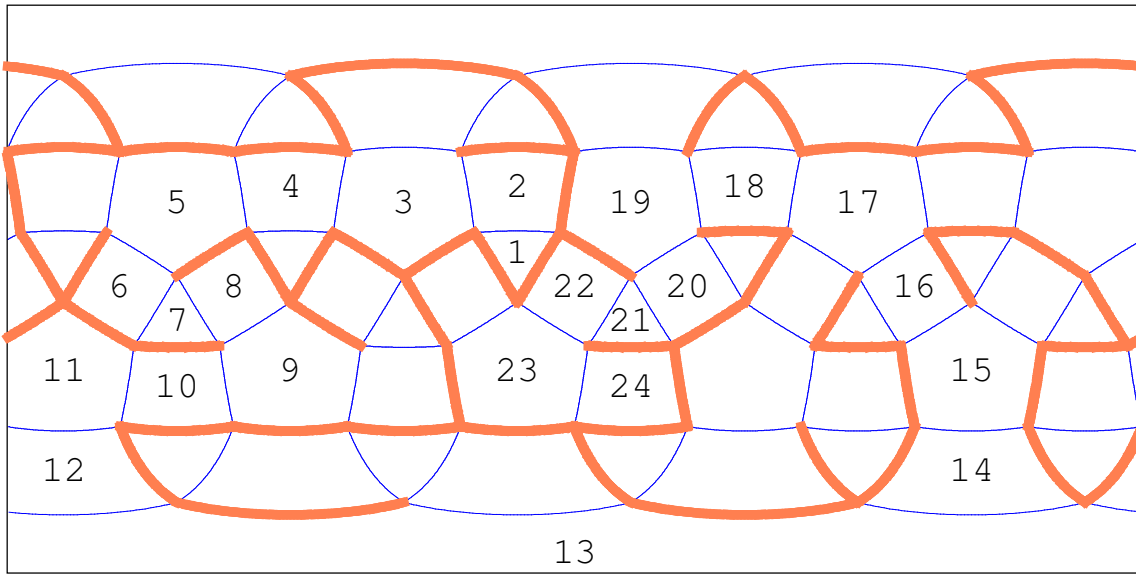
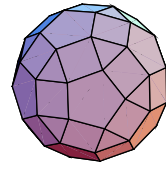
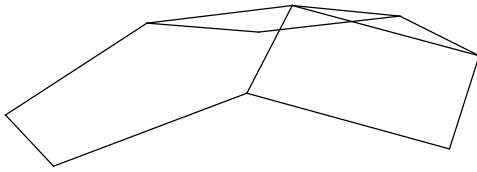
{10, 10, 3}



16.

rhombicosidodecahedron

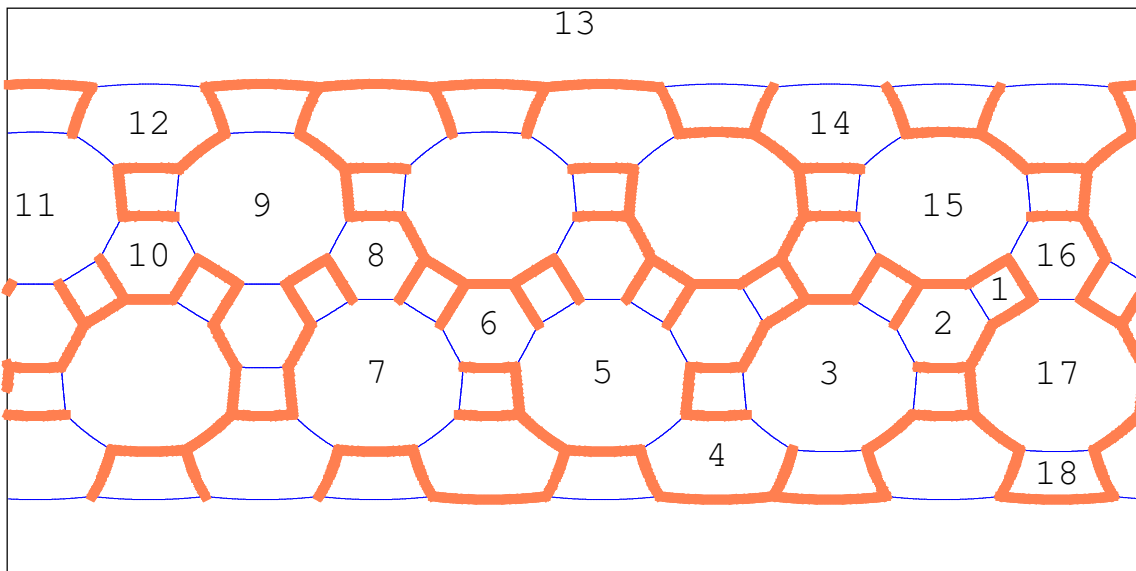
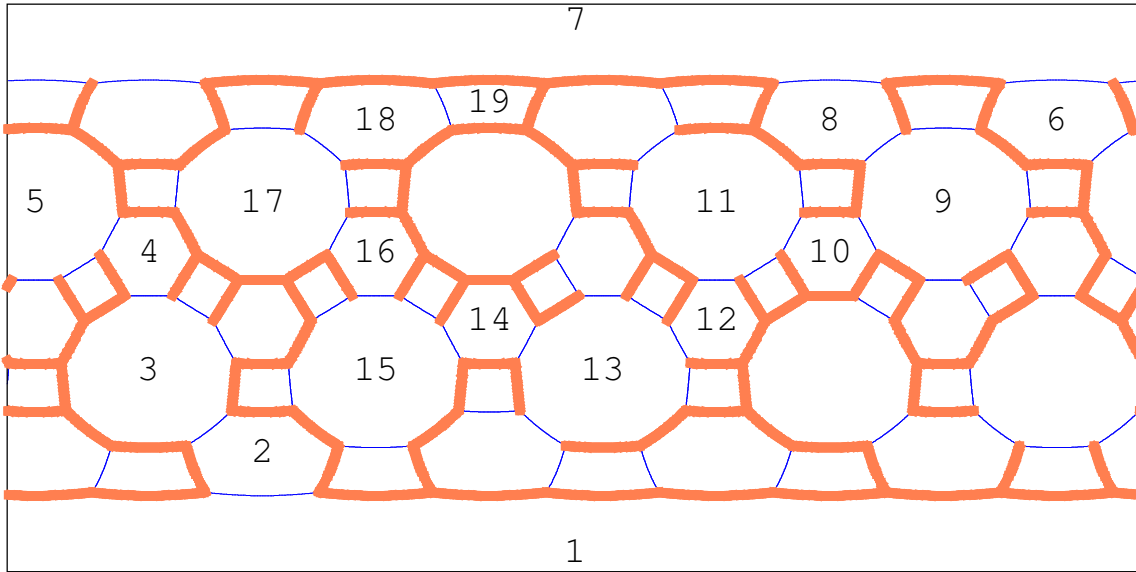
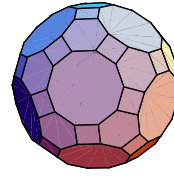
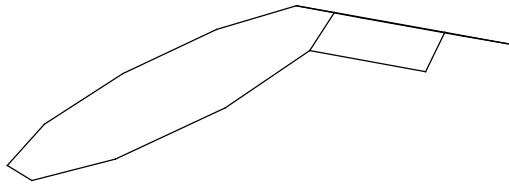
{4, 3, 4, 5}



17.

truncated icosidodecahedron

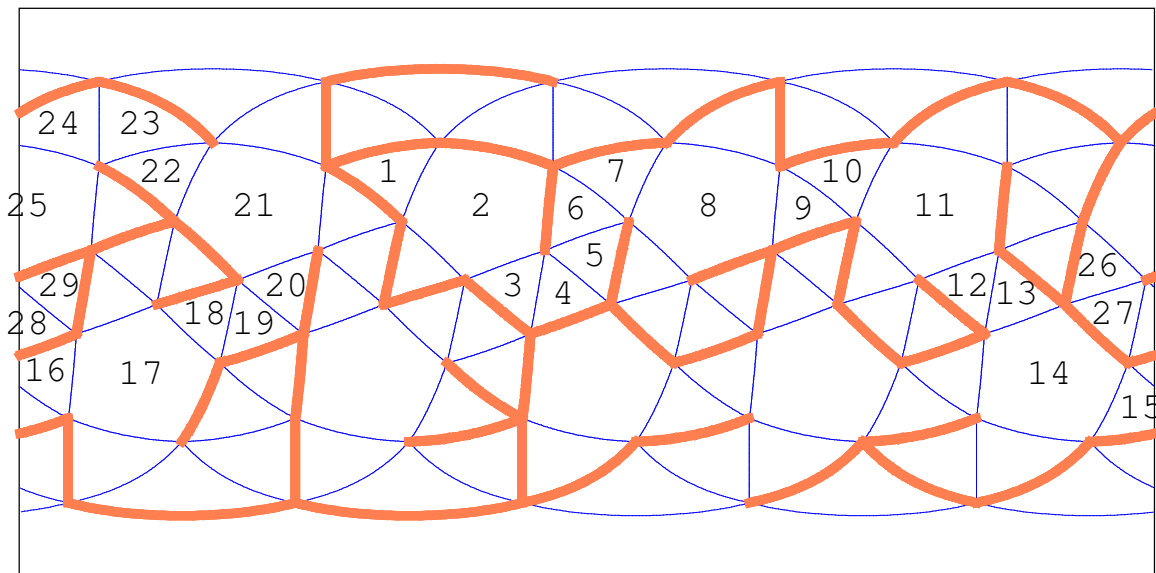
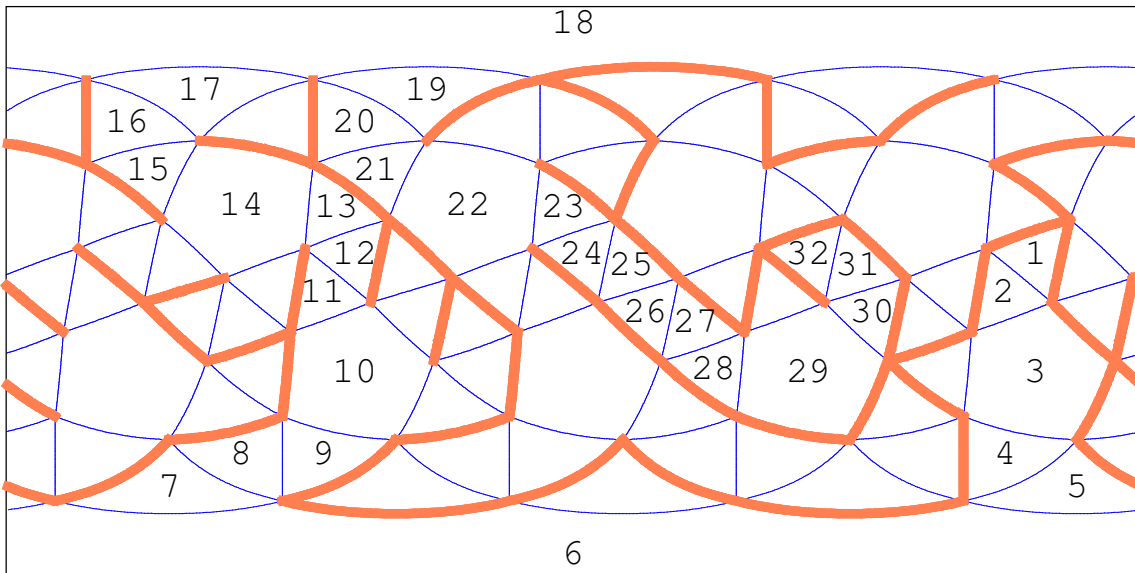
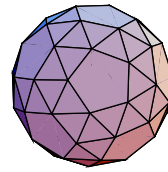
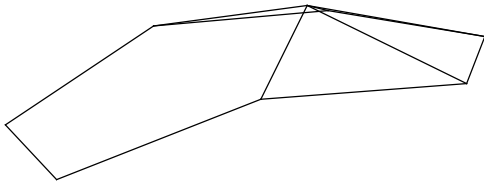
{4, 6, 10}



18.

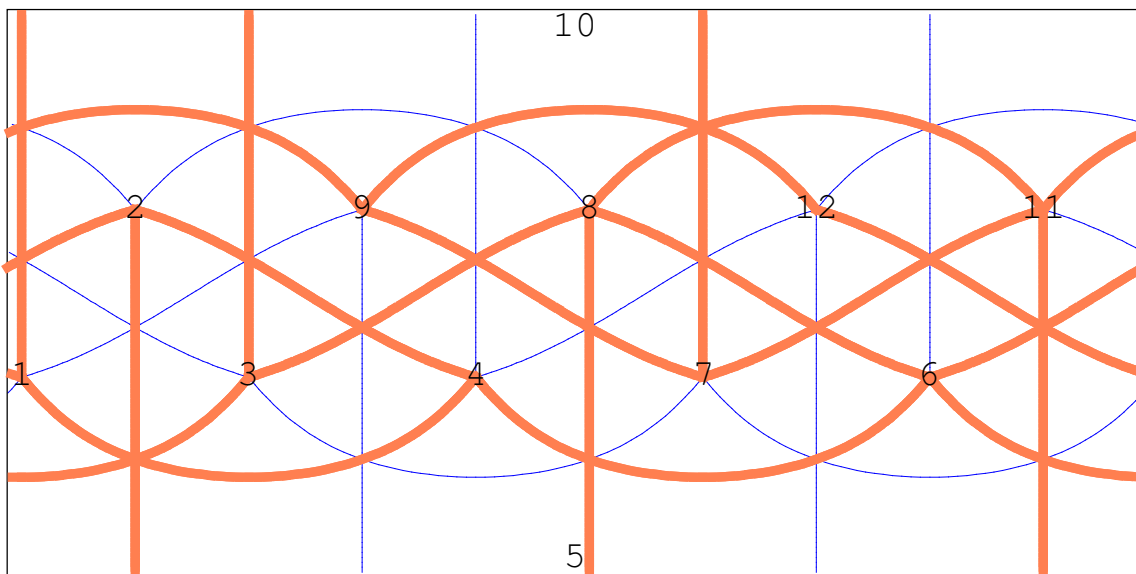
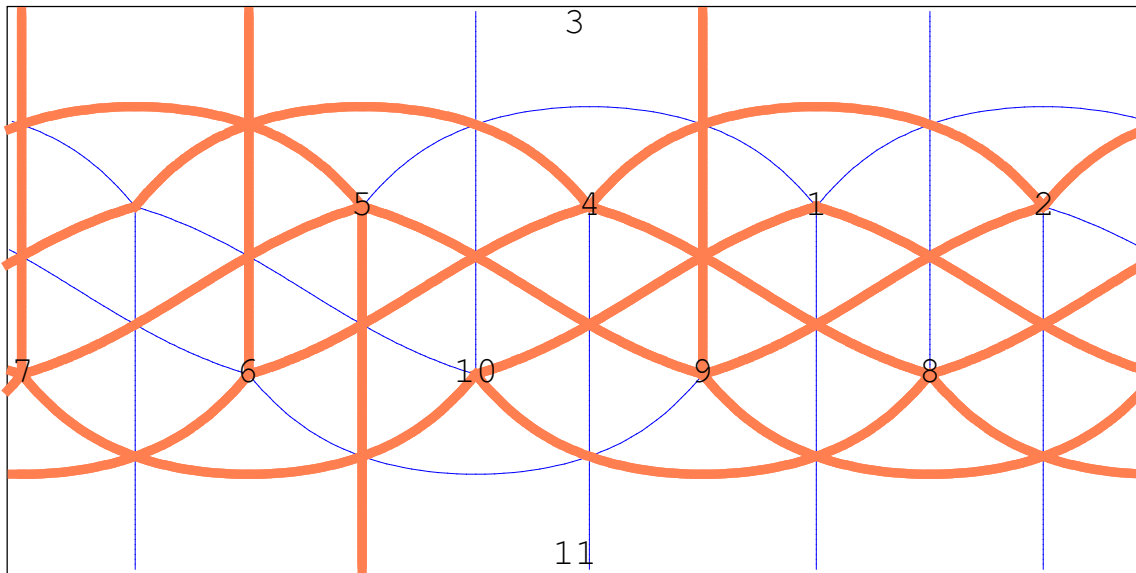
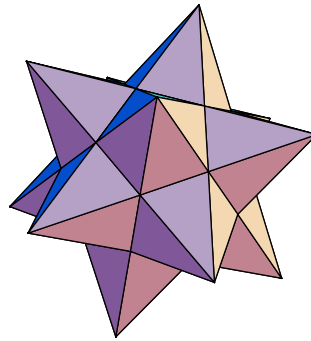
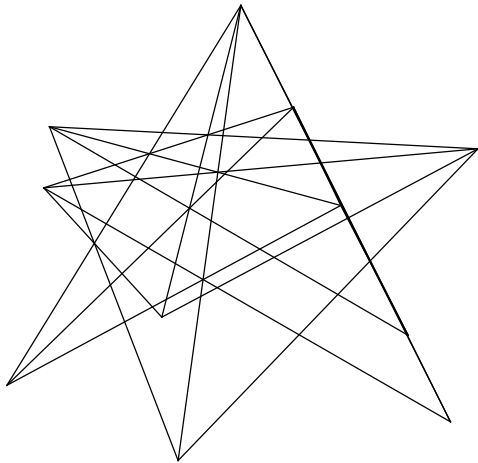
snub dodecahedron

{3, 3, 3, 3, 5}



19.

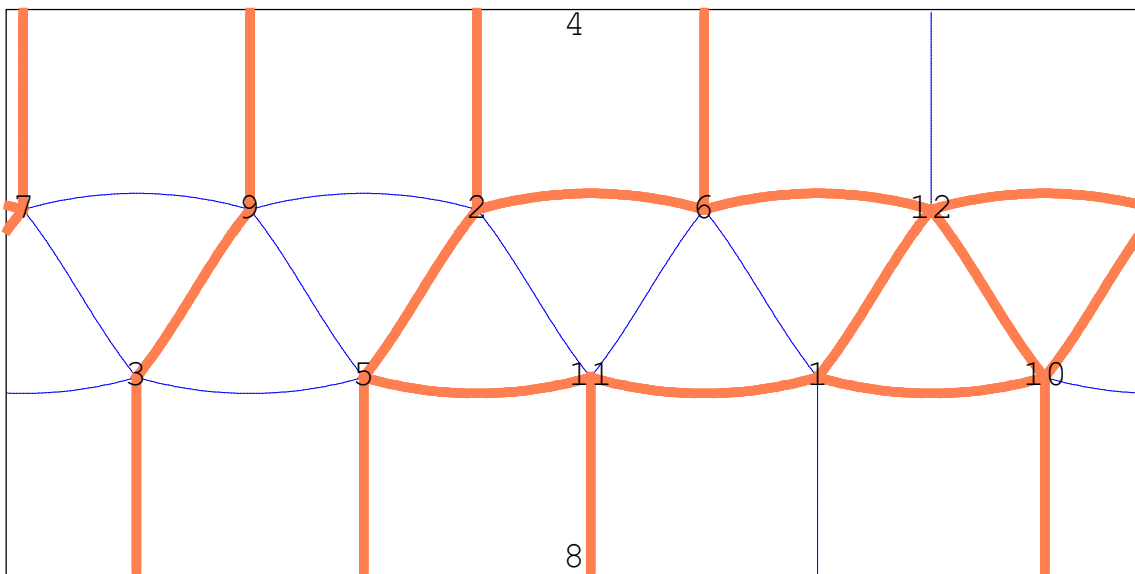
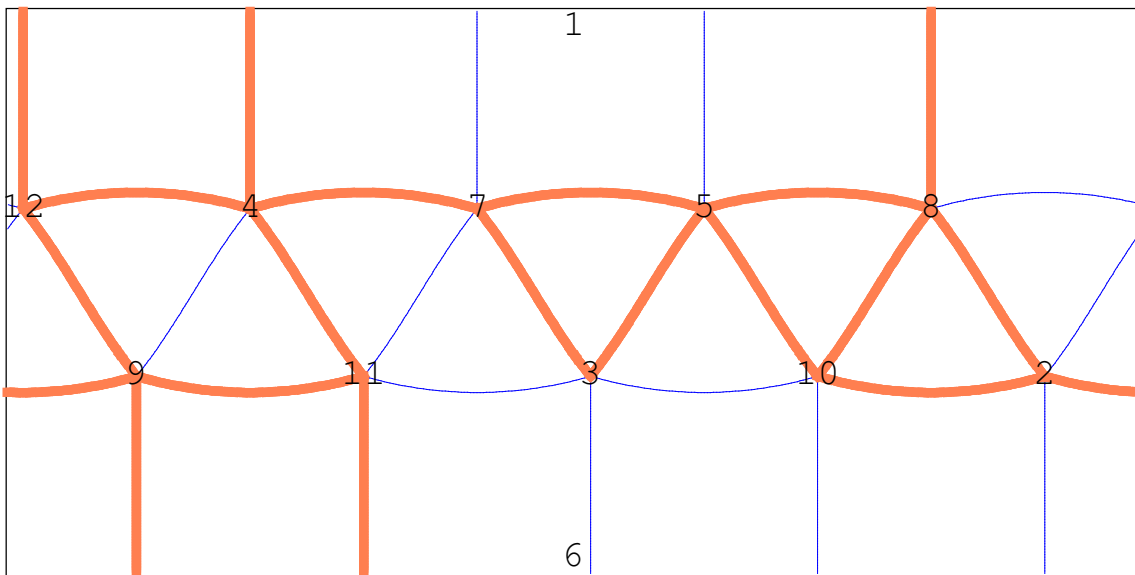
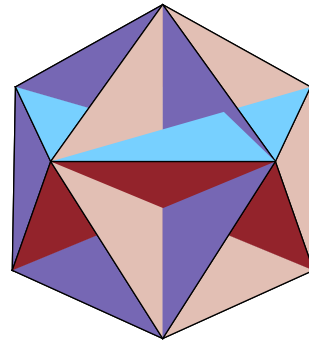
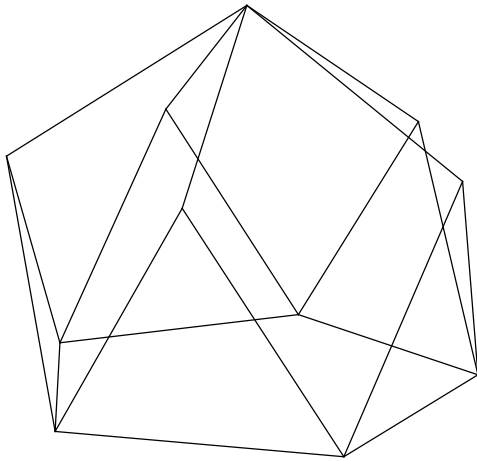
small stellated dodecahedron $\{\frac{5}{2}, \frac{5}{2}, \frac{5}{2}, \frac{5}{2}, \frac{5}{2}\}$



20.

great dodecahedron

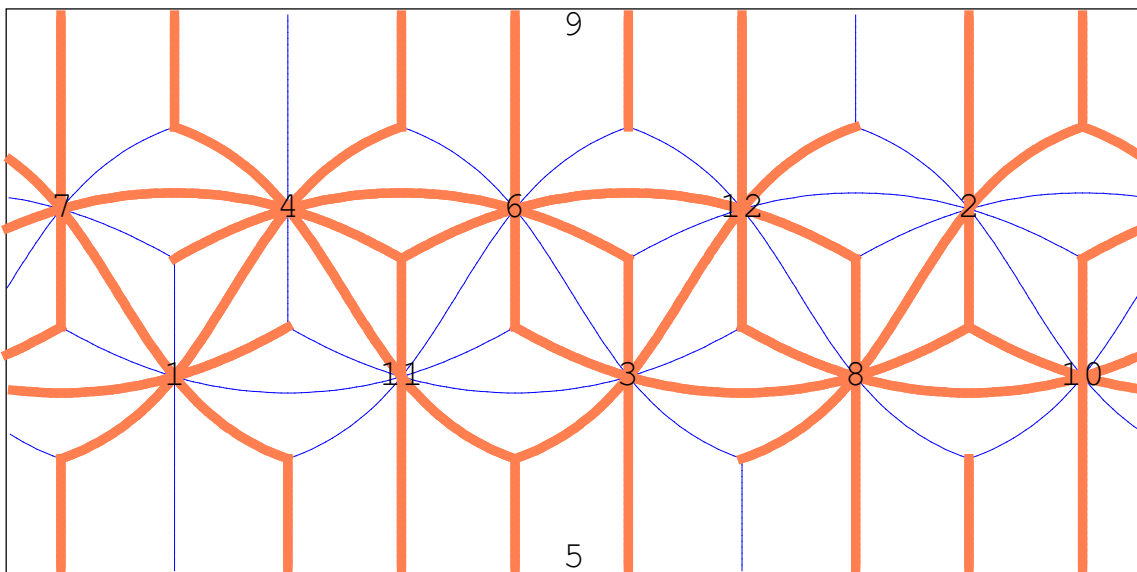
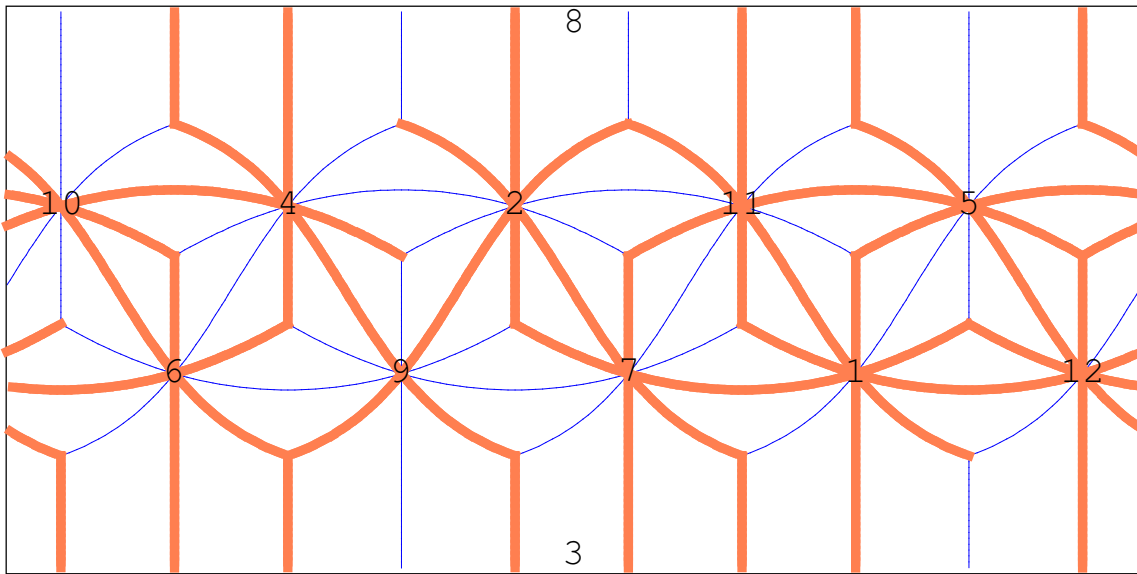
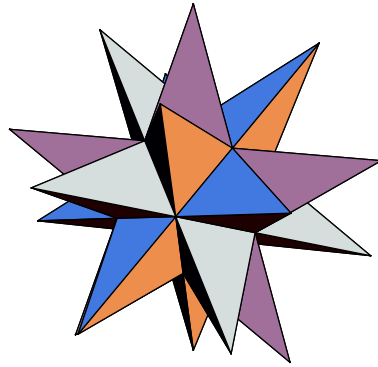
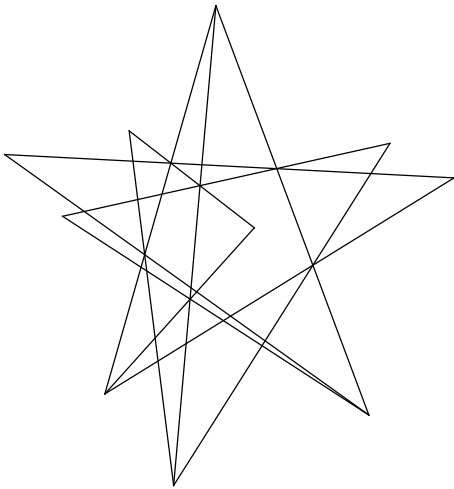
$$\frac{1}{2} \{5, 5, 5, 5, 5\}$$



21.

great stellated dodecahedron

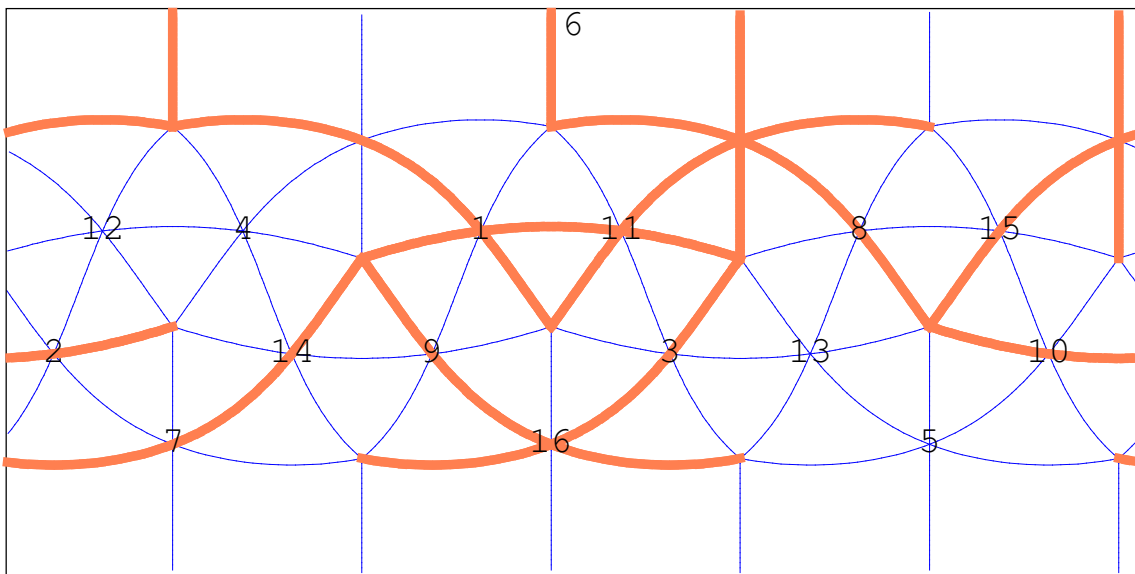
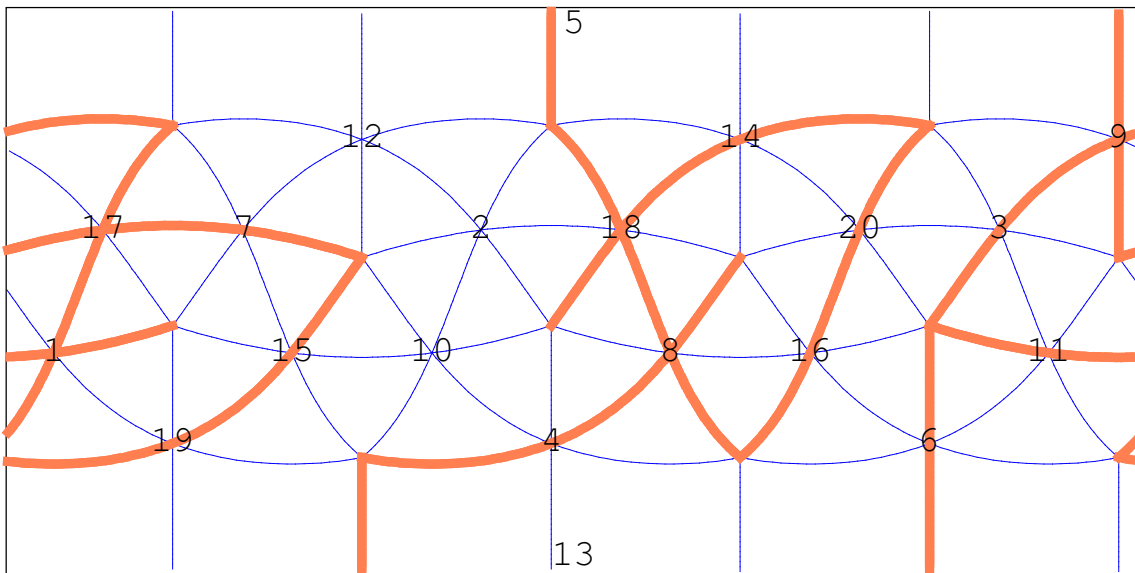
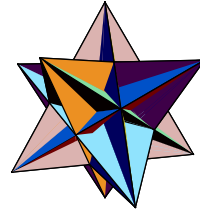
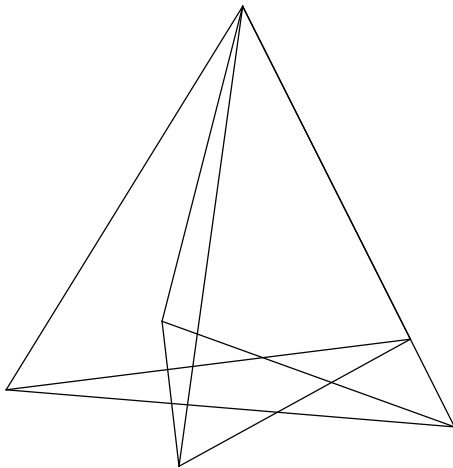
$$\left\{ \frac{5}{2}, \frac{5}{2}, \frac{5}{2} \right\}$$



22.

great icosahedron

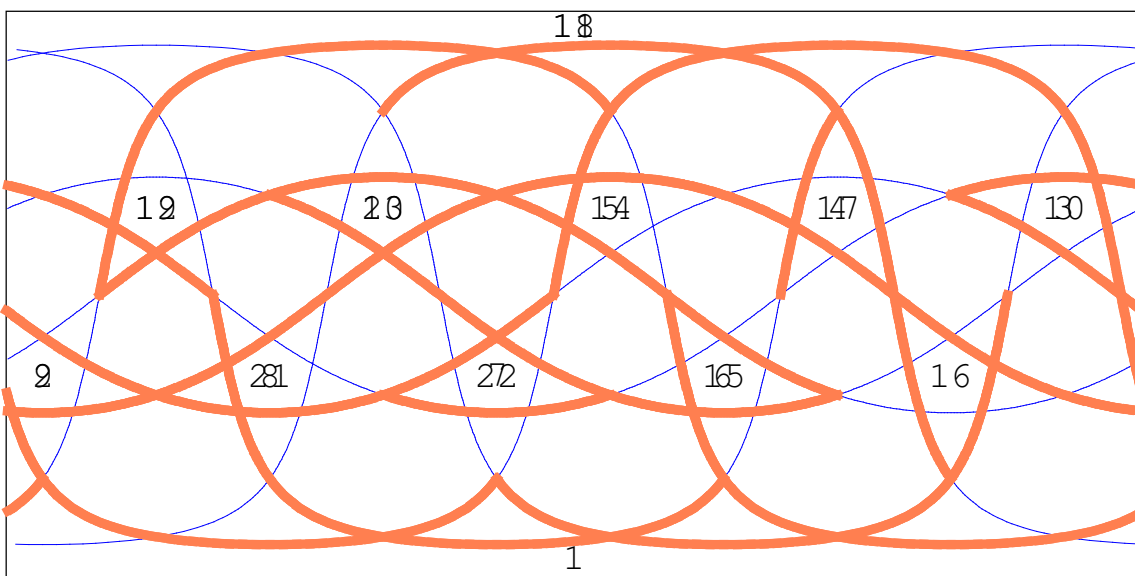
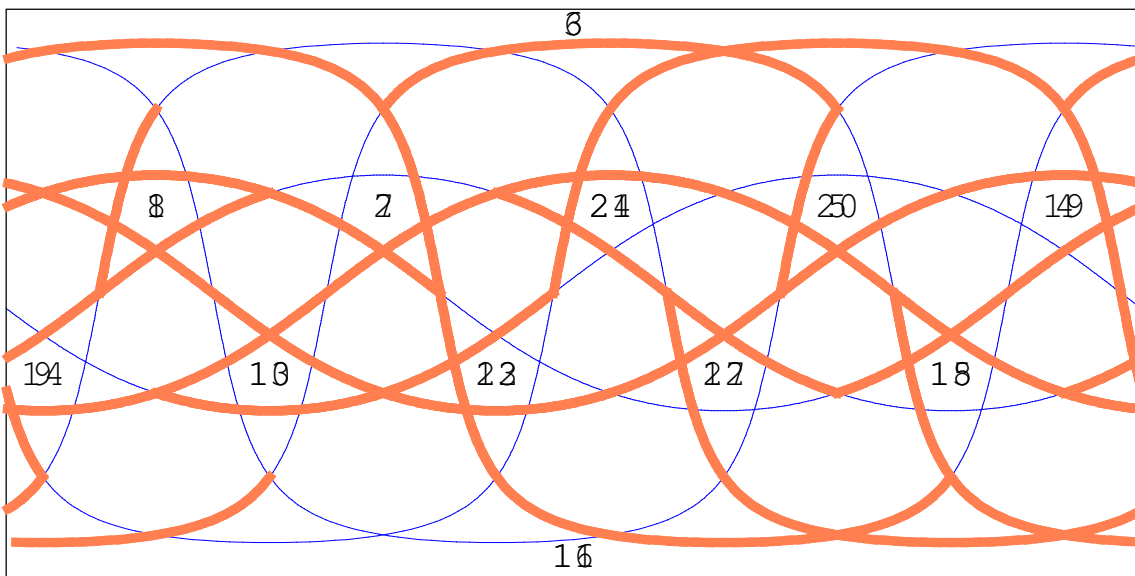
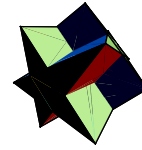
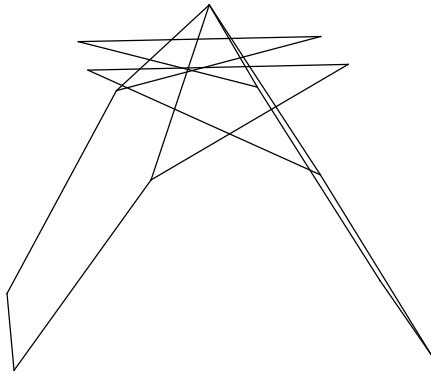
$$\frac{1}{2} \{3, 3, 3, 3, 3\}$$



23.

dodecadodecahedron

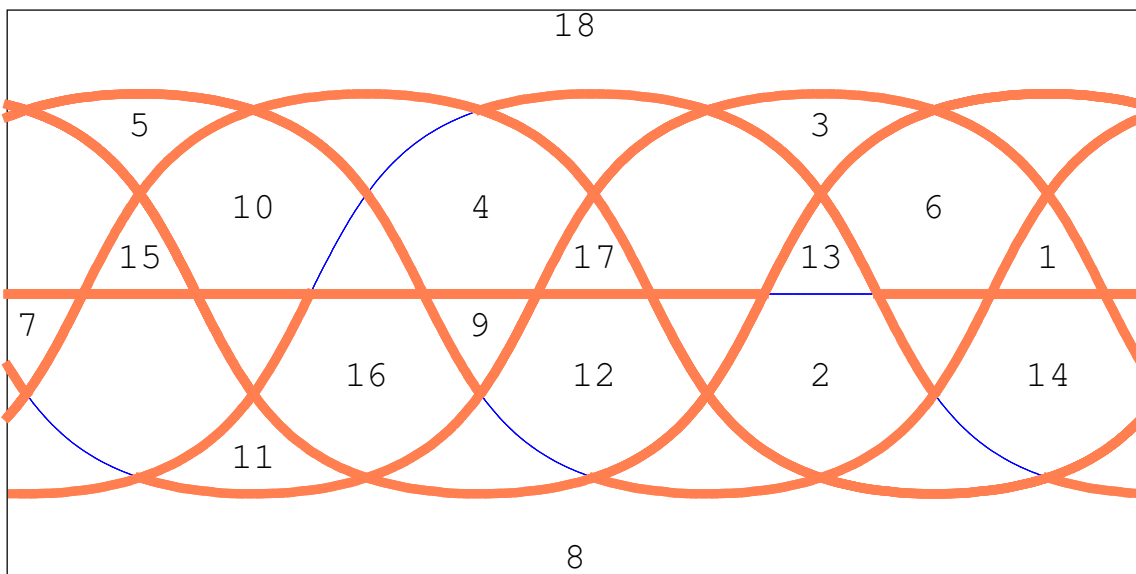
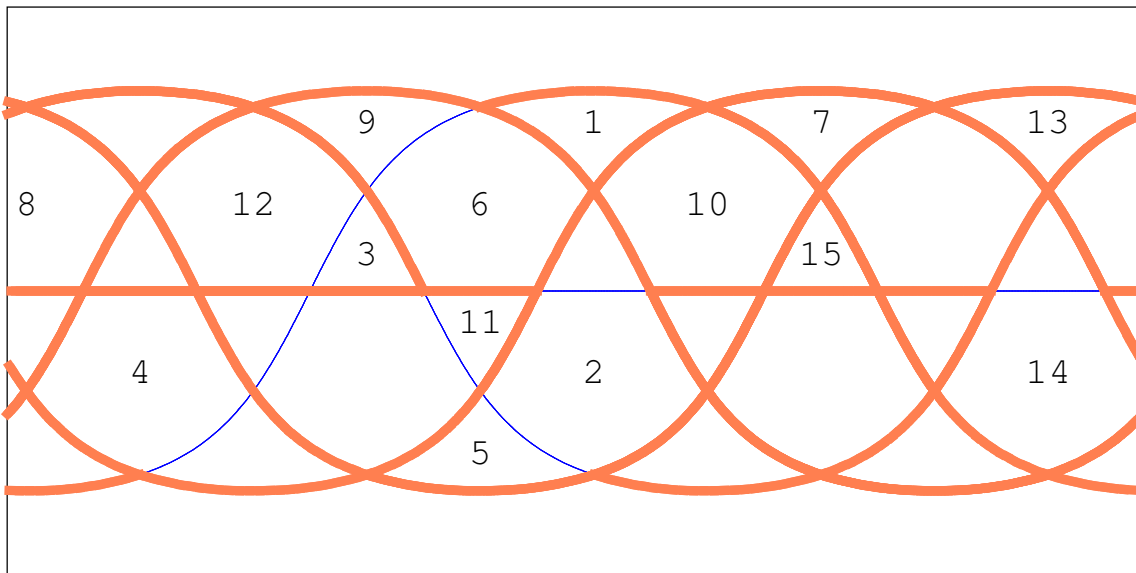
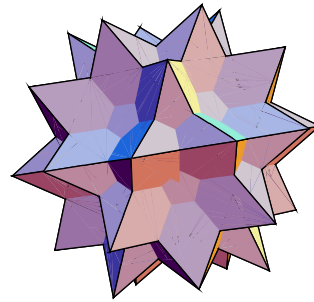
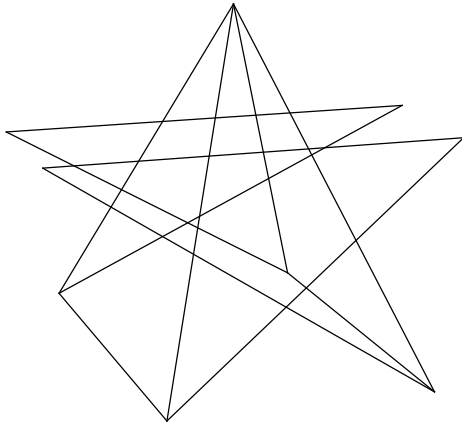
$$\left\{ \frac{5}{2}, 5, \frac{5}{2}, 5 \right\}$$



24.

great icosidodecahedron

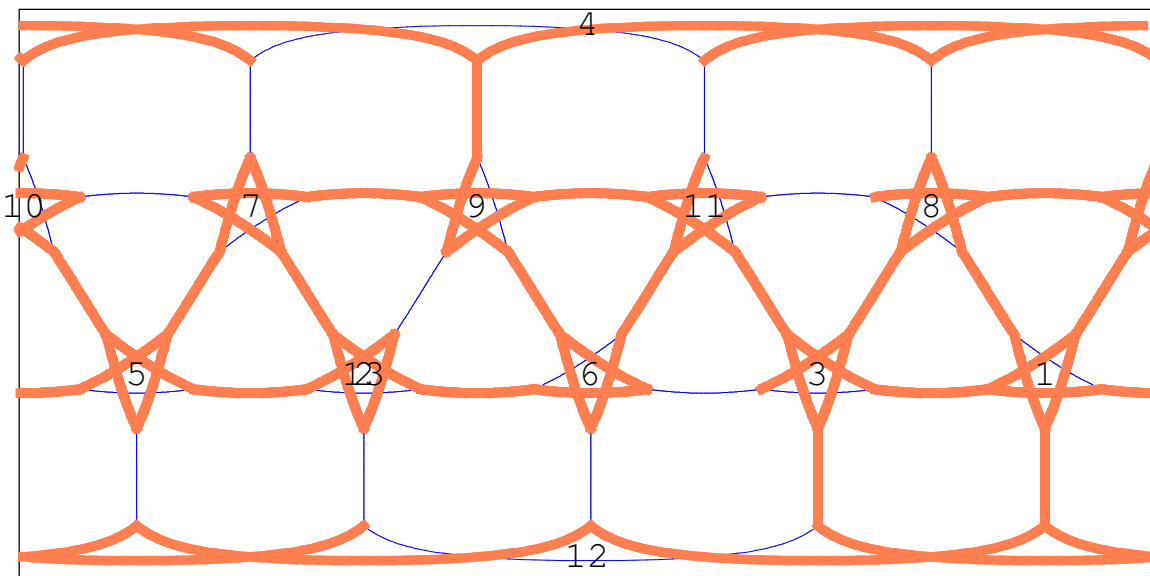
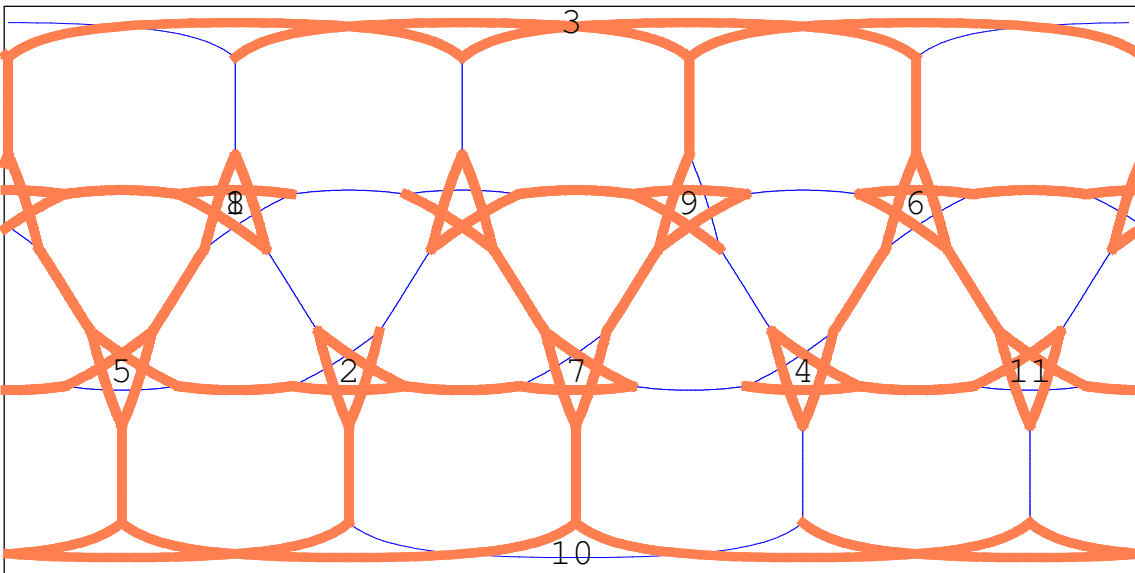
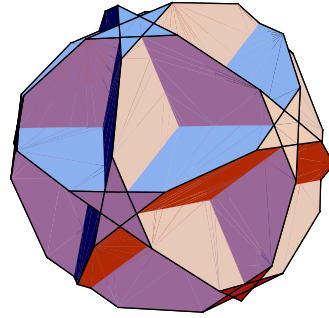
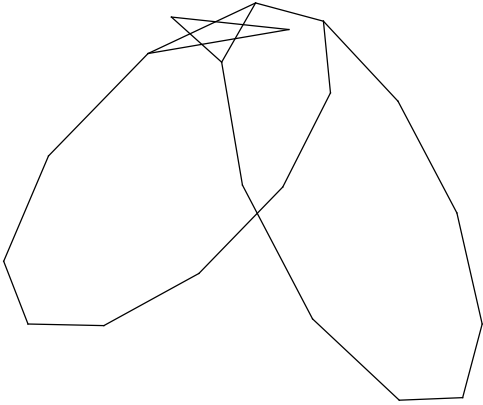
$$\left\{ \frac{5}{2}, 3, \frac{5}{2}, 3 \right\}$$



25.

truncated great dodecahedron

$$\{10, 10, \frac{5}{2}\}$$



26.

great truncated icosahedron

$$\left\{6, 6, \frac{5}{2}\right\}$$

