Inscribed and Circumscribed Figures

Inscribed

A polygon is "inscribed" within a circle if the vertices of the polygon are on the circle.

Pentagon inscribed
in a circle.

Inscribed

A polygon is "inscribed" within a circle if the vertices of the polygon are on the circle.
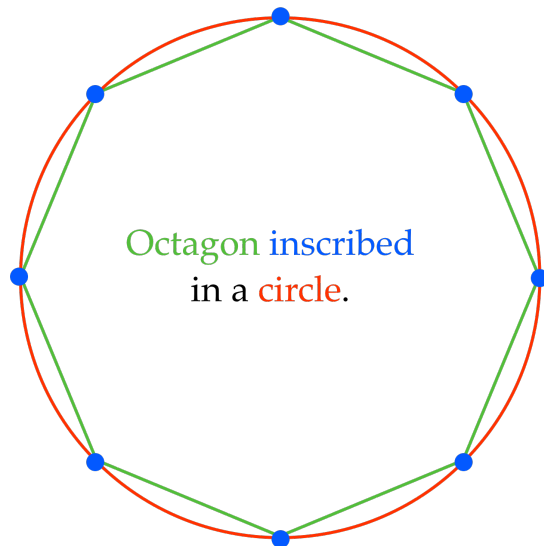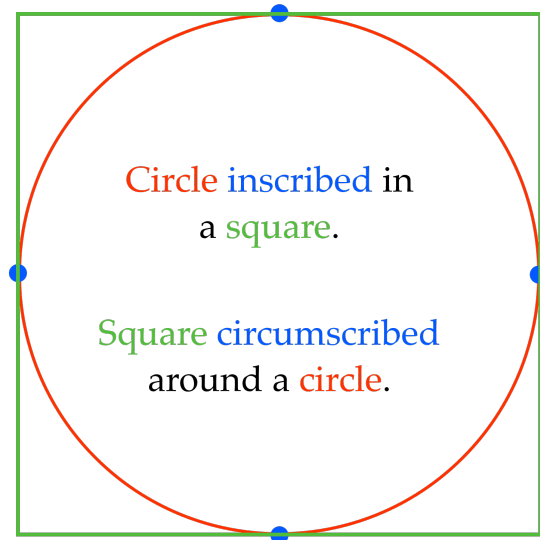
Octagon inscribed
in a circle.

Inscribed

A polygon is "inscribed" within a circle if the vertices of the polygon are on the circle.

Circumscribed

A polygon is "circumscribed" around a circle if the polygon sides are tangent to the circle.

Circle inscribed in a square.

Square circumscribed around a circle.

Inscribed

A polygon is "inscribed" within a circle if the vertices of the polygon are on the circle.

Circumscribed

A polygon is "circumscribed" around a circle if the polygon sides are tangent to the circle.

Octagon inscribed in a circle.
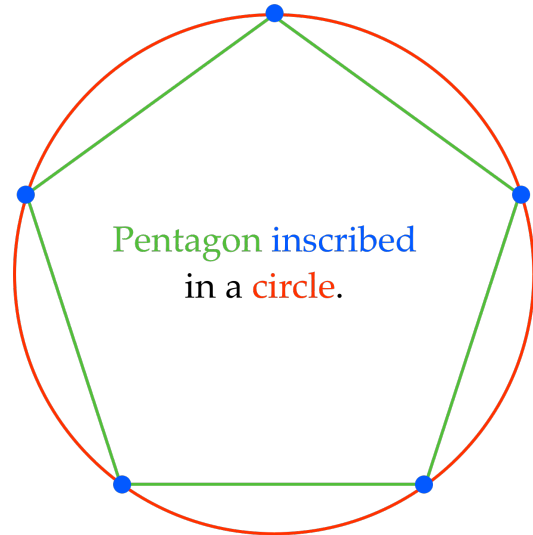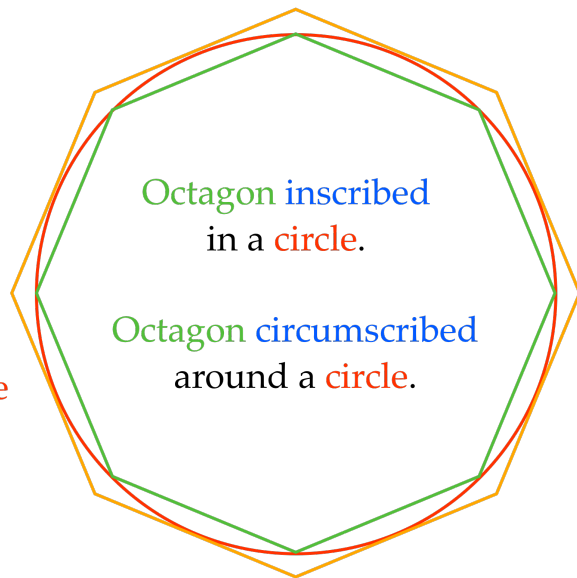
Octagon circumscribed around a circle.

Inscribed

A polygon is "inscribed" within a circle if the vertices of the polygon are on the circle.

Circumscribed

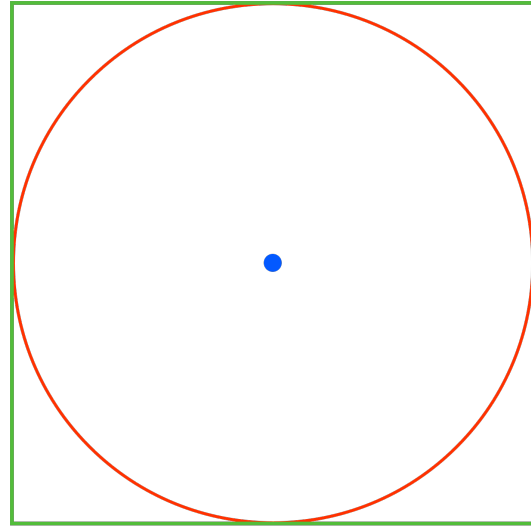A polygon is "circumscribed" around a circle if the polygon sides are tangent to the circle.

Inscribed

A sphere is "inscribed" within a cube.

Circumscribed

A cube is "circumscribed" around a sphere.