

Ellipse

Parabola

Hyperbola

Major Axis

Minor Axis

Cartesian

Parametric

Tangent

Normal

Latus Rectum

Eccentricity

Foci

An open conic section with a single axis of symmetry

A closed conic section with two unequal axes

The longest diameter of an ellipse or hyperbola

An open conic section with two separate branches

Relating to a coordinate system with perpendicular x and y axes

The shortest diameter of an ellipse

A line that touches a curve at a single point without intersecting it

Relating to a variable parameter that defines the equations of a curve

A line segment passing through a focus and perpendicular to the major axis

A line perpendicular to the tangent line of a curve at a given point

The points that define the shape of a conic section

A measure of the elongation of a conic section