

# ELLIPSE

*Meaning: Ellipse: A closed curve in a plane that results from the intersection of a cone with a plane at an angle, characterized by the property that the sum of the distances from any point on the curve to two fixed points (foci) is constant.*

1. The orbit of the planet follows an elliptical path around the sun.
2. In geometry, an ellipse is defined as the set of points where the sum of the distances to two foci is constant.
3. The artist used an ellipse to represent the shape of the pond in her painting.
4. During the lecture, the professor explained how an ellipse can be formed by slicing a cone at a specific angle.
5. The team gathered data on the trajectory of the satellite, which described an ellipse around the Earth.

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