

# SEMIAXIS

*Meaning: Semiaxis: one of the two axes of an ellipse, specifically half of the major or minor axis, which defines its shape and dimensions, particularly in contexts like geometry and astronomy.*

1. The length of the semi-axis determines the shape of the ellipse.
2. In astronomy, the semi-axis of an orbit is crucial for calculating the distance from the sun.
3. The semi-axis is often used in geometry to describe ellipsoids and their properties.
4. For accurate satellite positioning, the semi-axis measurements must be precise.
5. Understanding the semi-axis can help in modeling the paths of celestial bodies.

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