

Each conic section is made by intersecting a plane with two cones as shown.

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Length of minor axis:

If , opens towards the right If , opens towards the left

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Vertex: Focus: Directrix: Axis of Symmetry: , opens upward

, opens downward

Focus: Directrix: Axis of Symmetry:

Center: Foci: Vertices: -intercepts: Major axis: axis Minor axis: axis Length of major axis:

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Transverse axis: Horizontal

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Center: Foci:



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