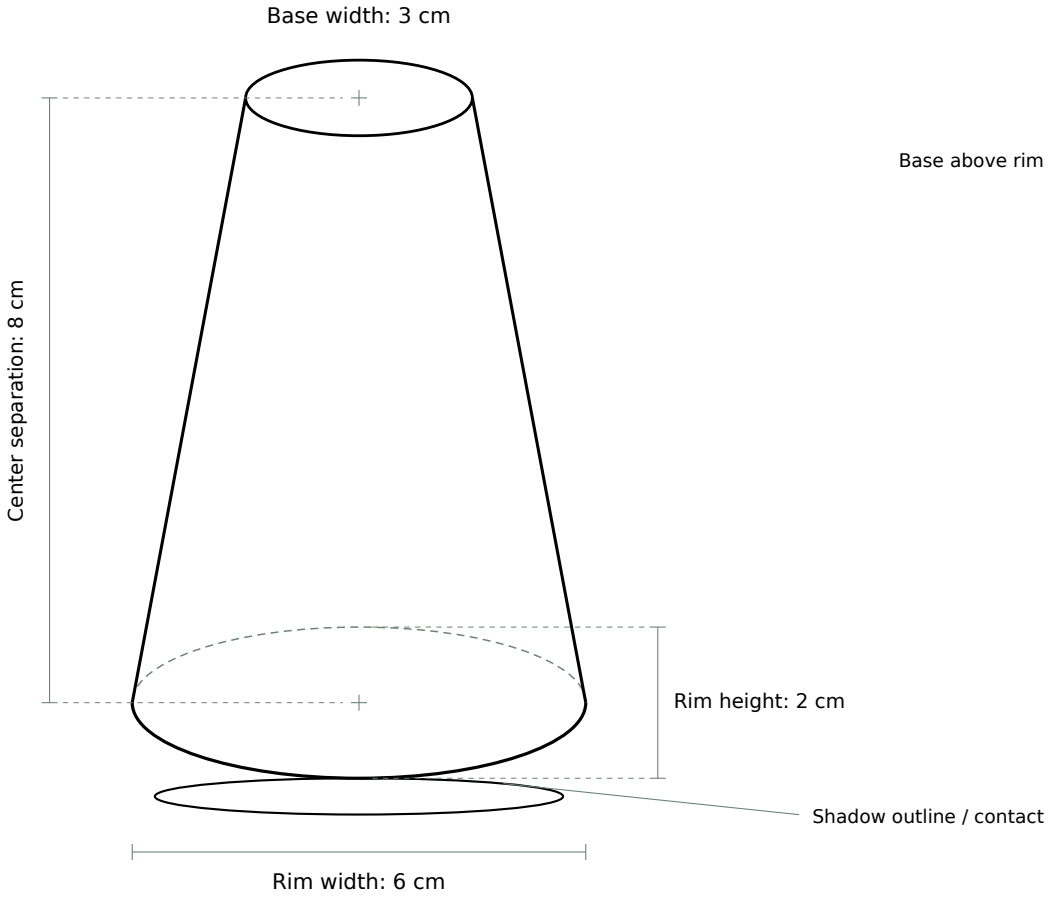
# Draw an Upside-Down Cup: Orientation, Rim Ellipse, Base, and Shadow

INVERTED CUP / CENTERS, RIM, BASE AND SHADOW

Construction view / full rim plane guide / print at 100%




Draw the vertical center axis and mark the base and rim centers. Place the wider rim below the narrower base, connect their left and right ends, then add the outlined shadow. The complete rim ellipse is a construction guide: the gray dashed rear half is not a view into the cup. A half-turn does not change an isolated ellipse.

The labelled 8 cm height is center-to-center. With the example ellipse heights, the outside extent is 9.5 cm. Use the separate student pages to trace the rim, place base and shadow, and draw independently.

All measurements are hypothetical. Quantitative diagrams use the labelled paper centimetres at 100% print size; check printer scale separately. Cup height here is center separation. A dashed rear rim is a construction guide, not visible interior. The unfilled shadow follows this lesson's contact convention.