Upside-Down Hat Drawing: Orientation Practice

Original task 1 / independent drawing and calculation

Task 1

Draw an upside-down hat with a brim band 1.5 cm tall and a crown 4 cm tall below it. The crown's wider side is 5 cm and touches the brim; the narrower side is 3 cm and points down. State the total height.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A drawing has the crown above the brim and the outer brim edge below the inner brim edge. Describe two changes to make it a valid upside-down hat.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Using a crown guide 6 cm wide at the top and 4 cm wide at the bottom, 5 cm tall, draw an upside-down hat with a 2 cm brim band. State which side of the crown touches the brim.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

In a blank frame, draw an upside-down hat with a curved brim. The brim band is 1 cm tall at its center and the crown is 3 cm tall. Explain why a curved brim can still be valid.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.