Draw a Milk Carton and Glass with Contour Construction

Original task 1 / independent drawing and calculation

Task 1

A carton is 12 cm high, 7 cm wide, and 5 cm deep. Draw it at full scale with a gable ridge. State the length of the front top edge and the side top edge.

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 glass has a 6 cm rim diameter and is 9 cm tall. Draw the rim ellipse and base ellipse at half scale. The base diameter is 4 cm. State the long axis of each ellipse on your page.

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

Draw a carton 8 cm high, 5 cm wide, and 3 cm deep with a glass 6 cm high and 4 cm rim diameter in front of it. The glass overlaps the carton's lower left corner. Describe where the carton contour stops.

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.

Draw a Milk Carton and Glass with Contour Construction

Original task 4 / independent drawing and calculation

Task 4

A carton is 10 cm high, 6 cm wide, and 4 cm deep. A glass is 7 cm high with a 5 cm rim diameter. At full scale, what is the total width of the drawing if the glass is placed 2 cm to the right of the carton?

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.