Draw a Milk Carton and Glass with Contour Construction

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A carton measures 10 cm high, 6 cm wide, and 4 cm deep. A glass measures 8 cm high with a 5 cm rim diameter. Draw both at half scale, with the glass in front and to the right of the carton.

Answer: At half scale, the carton is 5 cm high, 3 cm wide, and 2 cm deep. Draw the front rectangle 5 by 3 cm. Add the side face 2 cm deep. Draw the gable ridge above the center. The glass is 4 cm high with a 2.5 cm rim diameter. Place the glass so its rim overlaps the carton's lower right edge. Draw the rim ellipse with a 2.5 cm long axis, then two curved sides down to a smaller base ellipse. Stop the carton contour where the glass begins. Darken the glass contour and add curved shading.