Cross-Contour Lines on a Side-Lying Bottle

Ordinary topic reference / separately checked pixels



Cross-Contour Lines on a Side-Lying Bottle

Original worked example / unchanged complete key

Prompt: A bottle lies on its side with its long axis tilted 20 degrees above horizontal. The body is 12 cm long and 4 cm wide. Draw four cross-contour lines evenly spaced along the body and describe their direction.

Answer: The axis is a light line at 20 degrees above horizontal. The body sides are parallel to it, 4 cm apart, and the body length is 12 cm. Four wrap lines are placed at 2.4 cm intervals along the axis (12 divided by 5 spaces). Each wrap line is a smooth curve crossing the axis at about a right angle, tilted 20 degrees to match the axis. The middle curves are gentle; near the outline edges they turn more sharply. All lines reach both sides of the outline and do not cross.