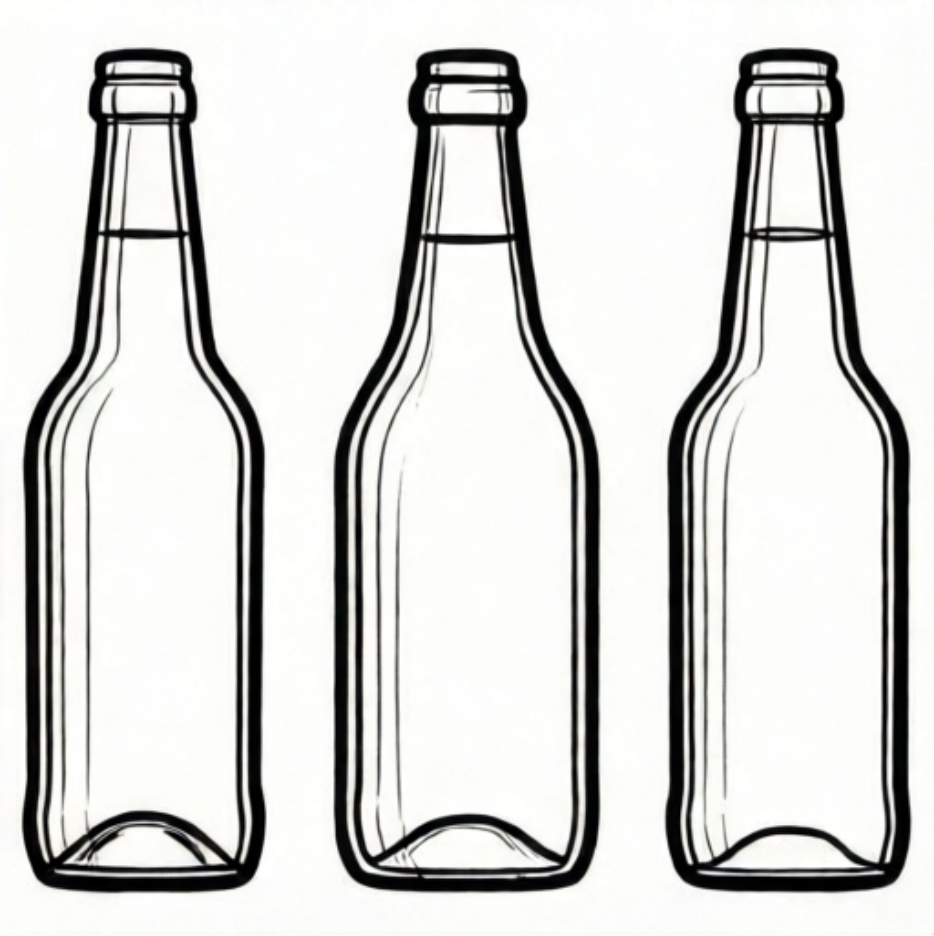
Contour Bottle Drawing: Neck, Shoulder, and Base Edges

Ordinary topic reference / separately checked pixels



Contour Bottle Drawing: Neck, Shoulder, and Base Edges

Original worked example / unchanged complete key

Prompt: A bottle has a body width of 60 units, neck width of 24 units, shoulder height of 18 units, and base edge height of 8 units. Describe the contour lines you would draw for the near side, including the neck-to-shoulder and shoulder-to-base transitions.

Answer: Draw the baseline and midline. Mark the body width as 60 units and neck width as 24 units, centered on the midline. The neck edges are two near-vertical lines 24 units apart. The shoulder rises 18 units vertically from the body top to the neck and moves inward horizontally by (60-24)/2 = 18 units on each side to meet the neck edge. Draw the shoulder as a smooth convex curve that leaves the neck line tangentially and joins the body line tangentially; do not draw a straight 45-degree diagonal, because a diagonal would meet the vertical lines at an angle. The body sides run from the shoulder to the base edge, which is 8 units high and spans 60 units. Add an interior contour for the far-side neck edge only if the opening is visible. Check that the shoulder curve does not form a sharp corner and that all measurements use the same unit.