Yogurt Cup Drawing: Rim, Spoon, and Label

Original tasks 1, 2 / complete keys

Task 1

Draw a yogurt cup 5 cm wide and 9 cm tall. Use a top ellipse 5 cm wide and 1.5 cm high. Add a rim band 3 mm wide and a label band 1 cm below the rim and 1 cm above the bottom. Place a spoon entering from the left.

Answer: A line drawing with a 5 cm by 9 cm cylinder, a 5 cm by 1.5 cm top ellipse, a second ellipse 3 mm above connected at the sides, a left-entering spoon with a small oval bowl partly above the rim, and a curved label band with margins of 1 cm.

Reason: The width and height set the body. The ellipse height is one third of the width, which is a simple proportion. The rim band and label margins are measured from the rim and bottom so the features do not overlap.

Check: Measure the body width and height with a ruler. Confirm the top ellipse height is about 1.5 cm. Check that the rim band is about 3 mm and the label margins are about 1 cm. Trace the spoon to confirm it does not merge with the rim.

Task 2

A drawing has a top ellipse 6 cm wide and 3 cm high. The rim is a single line. The spoon bowl is completely hidden behind the label. List two fixes and redraw the rim and spoon.

Answer: Fix one: reduce the ellipse height to about 2 cm so it reads as a shallower opening. Fix two: move the spoon bowl upward so at least 3 mm is visible above the rim, and add a second ellipse above the opening to show rim thickness.

Reason: An ellipse height equal to half its width can look like a circle at some angles. A single rim line does not show thickness. A hidden spoon bowl removes the required spoon feature.

Check: After redrawing, measure the ellipse height and compare it to one third of the width. Confirm two rim ellipses are connected at the sides. Trace the spoon bowl to see that part of it is above the rim line.

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Original tasks 3, 4 / complete keys

Task 3

Draw a yogurt cup with a label band that curves with the tub. Write the word MILK inside the label using block letters. Define x-height as baseline to midline and keep all letters inside the band.

Answer: A drawing with a curved label band between the rim and bottom margins, and the word MILK written so the top of each letter reaches the midline and the bottom sits on the baseline, all within the band.

Reason: The label must follow the tub curve, not sit flat. X-height is baseline to midline, so letter height is checked against that convention. Block letters are one valid style among many.

Check: Trace the label top and bottom curves to confirm they follow the tub. Measure the letter height from baseline to midline and confirm it fits inside the band. Check that no letter crosses the label edge.

Task 4

Draw a yogurt cup 7 cm wide and 11 cm tall with a rim band 5 mm wide. Place a spoon entering from the right at a 30 degree angle from vertical. Add a label band 1.5 cm below the rim and 1.5 cm above the bottom. Check that the spoon handle does not touch the label.

Answer: A line drawing with a 7 cm by 11 cm body, a rim band 5 mm wide, a right-entering spoon angled about 30 degrees from vertical, and a curved label band with 1.5 cm margins. The handle passes above the label without touching it.

Reason: The angle and margins are chosen to keep the spoon and label separate. The rim band width is a visible proportion of the body width. The label margins are measured from fixed reference lines.

Check: Use a ruler to confirm the body width and height. Estimate the spoon angle against the vertical center line. Measure the rim band and label margins. Check that there is a visible gap between the spoon handle and the label top curve.

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Source rubric / reflection

- [ ] The cup body is a closed shape with two sides and a curved bottom.
- [ ] The top opening is an ellipse, not a circle, and the rim shows thickness.
- [ ] The spoon is separate from the rim and its bowl is partly visible.
- [ ] The label follows the tub curve and sits between the rim and bottom margins.
- [ ] Lettering is intentional and fits inside the label; style may vary.
- [ ] Construction lines are erased or clearly lighter than final lines.
- [ ] All three required features, rim, spoon, and label, are visible.

Reflection: What did you check, what did you change, and what will you try next?