Cross-Contour Apple Drawing: Wrapping Lines Around Form

Original tasks 1, 2 / complete keys

Task 1

Draw an apple outline 5 cm wide and 6 cm tall with a stem dimple at the top center. Add three cross-contour lines. Make the top line dip toward the dimple and the bottom line curve gently around the base. Check that the top two lines are closer together than the bottom two.

Answer: A rounded apple with a small top dip. Three lines cross the body: the top line bends sharply into the dimple, the middle line bends moderately, and the bottom line is a gentle curve. The top two lines are about 1 cm apart; the bottom two are about 1.5 cm apart. All lines stop at the edge.

Reason: The dimple requires tighter spacing and stronger curvature near the top. The lower surface is less interrupted, so wider spacing and gentler curves are appropriate.

Check: Measure the spacing between adjacent lines at the top and bottom using the same units. Confirm the top spacing is smaller. Trace each line to ensure it stops at the outer contour.

Task 2

In a practice box 7 cm by 5 cm, draw only the upper-left section of an apple, including part of the stem dimple. Add two cross-contour lines that enter from the left edge and curve toward the dimple. Check that neither line crosses the outer contour.

Answer: The box shows a curved surface section with a partial dimple at the top right. Two lines enter from the left, curve upward toward the dimple, and stop at the section edge. The lines are closer near the dimple and wider near the bottom left.

Reason: A partial section isolates the wrapping behavior. Lines must respond to the dimple even when the full apple is not drawn.

Check: Verify that both lines stop at the section boundary and that spacing near the dimple is smaller than spacing away from it.

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Original tasks 3, 4 / complete keys

Task 3

Draw an apple with four cross-contour lines. Use a hypothetical spacing of 1 cm near the dimple and 2 cm near the base. Check that the lines do not become straight in the middle of the apple. If one line is straight, redraw it with a gentle curve.

Answer: The apple has four lines. The top line dips into the dimple and is 1 cm from the second line. The second and third lines are about 1.5 cm apart. The third and fourth lines are about 2 cm apart near the base. All lines curve gently; none are perfectly straight across the middle.

Reason: Spacing should increase as distance from the dimple increases. Straight lines in the middle usually indicate a failure to follow the rounded surface.

Check: Measure the three spacings and confirm they increase from top to bottom. Place a straight edge along each line to check for unwanted straightness.

Task 4

Draw two apples side by side. On the first, use three cross-contour lines; on the second, use five. Both should show a stem dimple and curved surface lines. Check that the five-line apple still has tighter spacing near the dimple than near the base.

Answer: Both apples have rounded outlines and visible dimples. The three-line apple has wider spacing overall. The five-line apple has more lines but still shows tighter spacing near the dimple and wider spacing near the base. All lines stop at the outer contours.

Reason: Line count can vary, but the structural logic must remain: tighter near the dimple, wider near the base, and curved throughout.

Check: Compare the spacing pattern on both apples. Confirm that the five-line apple does not have evenly spaced lines and that both drawings stop lines at the edge.

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Source rubric / reflection

- [ ] Outer contour is a rounded apple shape with a visible stem dimple.
- [ ] Three to five cross-contour lines wrap across the surface and stop at the outer contour.
- [ ] Lines near the stem dimple bend inward and are spaced closer than lines near the base.
- [ ] Line curvature is consistent with a rounded form; no perfectly straight lines across the upper half.
- [ ] Valid alternatives are accepted if lines respond to the dimple and maintain consistent spacing logic.

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