Contour Line Drawing of Furniture: Chair and Table Edges

Original tasks 1, 2 / complete keys

Task 1

Draw a table with a rectangular top 100 cm long and 60 cm wide, and four legs 70 cm long. Use contour lines only, with darker outer contours and lighter internal edges.

Answer: A rectangular tabletop with four legs at the corners. Outer contour darker; internal lines for tabletop thickness and leg joints lighter. The top is drawn 100 cm long and 60 cm wide, and each leg 70 cm long, matching the hypothetical dimensions.

Reason: The tabletop is a rectangle; legs are vertical lines from the corners. Internal contours show tabletop thickness and the joints where legs meet the top. The line-weight convention keeps outer edges darker than internal edges.

Check: Verify that the tabletop is a rectangle with the stated proportions, legs are at the corners and vertical, and outer lines are visibly darker than internal lines. Check that no shading is used.

Task 2

Draw a chair with a curved backrest (semi-circle) and a square seat 40 cm by 40 cm. Legs are 45 cm long. Use contour lines with darker outer contours and lighter internal edges.

Answer: A chair with a semi-circular backrest attached to a square seat. Four legs from the seat corners. Outer contour darker; internal line where backrest meets seat lighter. The seat is drawn 40 cm by 40 cm and each leg 45 cm long, matching the hypothetical dimensions.

Reason: The backrest is a semi-circle; the seat is a square. Legs are vertical from the corners. The internal contour at the backrest-seat joint is lighter than the outer silhouette.

Check: Check that the backrest is semi-circular, the seat is square with the stated proportions, legs are at the corners, and outer lines are darker than internal lines. Confirm no shading is used.

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Original tasks 3, 4 / complete keys

Task 3

Draw a stool with a circular top (diameter 30 cm) and three legs 50 cm long. Use contour lines with darker outer contours and lighter internal edges.

Answer: A circular stool top with three legs evenly spaced. Outer contour darker; internal lines for top thickness and leg attachments lighter. The top is drawn with a 30 cm diameter and each leg 50 cm long, matching the hypothetical dimensions.

Reason: The top is a circle; three legs are spaced evenly around it. Internal contours show top thickness and where legs attach. The line-weight convention keeps the outer silhouette darker.

Check: Verify the circular top with the stated diameter, three evenly spaced legs, and outer lines darker than internal lines. Check that no shading is used.

Task 4

Draw a desk with a rectangular top 120 cm by 60 cm, and two side panels instead of legs. Panels are 70 cm tall. Use contour lines with darker outer contours and lighter internal edges.

Answer: A rectangular desk top with two vertical side panels. Outer contour darker; internal lines where top meets panels lighter. The top is drawn 120 cm by 60 cm and each panel 70 cm tall, matching the hypothetical dimensions.

Reason: The top is a rectangle; the panels are vertical rectangles at the ends. Internal contours mark the joints where the top meets the panels. The line-weight convention keeps outer edges darker.

Check: Check that the top is rectangular with the stated proportions, panels are at the ends and vertical, and outer lines are darker than internal lines. Confirm no shading is used.

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Source rubric / reflection

- [ ] Outer contour is drawn with a continuous, confident line.
- [ ] Internal contour lines are present and lighter than outer lines.
- [ ] Proportions are plausible and consistent with the described dimensions.
- [ ] Outer and internal contours are clearly distinguished by line weight.
- [ ] Drawing is free of sketchy, repeated lines.

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