Color Contour Hand Drawing: Trace Edges, Fill Flat Color

Original task 1 / independent drawing and calculation

Task 1

Draw a border 10 cm by 14 cm. Sketch a palm rounded rectangle 4 cm wide and 6 cm tall, three finger rectangles each 1.5 cm wide and 4 cm long, and one thumb 1.5 cm wide and 3 cm long. Trace all contours with one continuous line per edge. Use a color key with letters A and B. Fill the palm with A, the thumb with B, and alternate the three fingers A, B, A. Count the regions and state how many regions use each color.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

A student sketches a palm 5 cm wide and 7 cm tall, four fingers each 1.5 cm wide and 5 cm long, and a thumb 1.5 cm wide and 3 cm long inside a 12 cm by 18 cm border. They trace the outer contour but leave a 1 cm gap between the first finger and the palm. They fill the palm with color A and the first finger with color B, and the color crosses the gap. Describe the mistake and the fix, then state how many regions should be closed after the fix.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Draw a border 15 cm by 20 cm. Use the convention: palm 6 cm by 8 cm, four fingers 2 cm wide and 5 to 7 cm long, thumb 2 cm wide and 4 cm long. Trace all contours. Use a color key with letters A, B, C, D. Fill the palm with A, the thumb with D, and assign B and C to the four fingers so that no two adjacent fingers share the same color. State the color assignment and count how many regions use each color.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

A student draws a hand contour with five regions and uses three colors: A, B, C. They claim every internal edge is clear because each edge has a different color on each side. There are four internal edges in their drawing. Is the claim possible? Explain using a simple count, and state one check they can perform.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.