Mushroom Contour Drawing: Trace Edges and Gill Lines

Original task 1 / independent drawing and calculation

Task 1

A mushroom cap is 5 cm wide and the stem is 4 cm tall. The gill area shows 8 visible gill lines. Draw the outer silhouette and gill edges. State where each gill line starts and stops.

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 tilted mushroom hides the right half of the stem junction. Draw only visible edges. How many gill lines should cross the hidden junction?

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.

Mushroom Contour Drawing: Trace Edges and Gill Lines

Original task 3 / independent drawing and calculation

Task 3

A student draws 10 gill lines, but 3 continue past the stem outline. The cap is 7 cm wide. Identify the error and give the corrected count of valid gill lines.

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

Draw a blind-contour mushroom in a box while looking mostly at the object. Then redraw in a blank panel from observation. List two checks to compare the drawings.

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.