Drawing a Desert Landscape: Dunes, Horizon, and Cactus

Original task 1 / independent drawing and calculation

Task 1

On a 24 cm tall paper, place the horizon at 12 cm. Draw two dune ridges: a far ridge from 13 cm to 15 cm and a nearer ridge from 16 cm to 18 cm that overlaps it. State where the far ridge 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 cactus stem is drawn from 17 cm to 21 cm on a 24 cm tall paper. The nearest dune ridge is at 16 cm. Does the cactus overlap the ridge? Explain.

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

You draw three ridges at 13 cm, 15 cm, and 17 cm on a 24 cm paper. Which ridge should be darkest, and which lightest?

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 learner draws a barrel cactus with vertical ribs instead of a stem with arms. The silhouette is closed and overlaps a ridge. Does this meet the convention?

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.