Strawberry Cake Drawing: Tier, Cream Layers, and Berry Topping

Original task 1 / independent drawing and calculation

Task 1

A plate ellipse is 15 cm wide. The cake base is two-thirds of the plate width. The cake height is half the base width. Find the base width and height.

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 cake side is 6 cm high and divided into three equal cream bands. How tall is each band?

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

A top ellipse is 8 cm wide and 4 cm tall. You place three berries whose bases are 1.5 cm wide each. The two end margins are each 0.5 cm, and the two gaps between adjacent berries are equal. What is each between-berry gap along the width?

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 plate is 14 cm wide. The cake base is two-thirds of the plate width. You draw two cream bands of equal height on a cake that is 4 cm high. Find the base width and each band height.

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.