Draw a Strawberry Cross-Section: Core, Seed Rings, and Flesh

Original task 1 / independent drawing and calculation

Task 1

An outline is 60 mm wide and 90 mm tall. Calculate the core top and bottom positions using the 20 percent rule, and the core width using the one-fifth rule.

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 drawing has a half-width of 30 mm at the widest point. If you use ring offsets of 5 mm, 10 mm, and 15 mm from the core edge, do all three rings fit inside the outline? 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 plan to place seeds every 10 mm along a seed ring. The seed ring path is about 120 mm long. How many seed marks should you place, and where should the first and last marks go?

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 labels the core with the baseline 3 mm below the core top and the midline of the letters 5 mm above the baseline. Is the label placed correctly under the convention? What should be checked?

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.