Small Stars Drawing: Point-Spacing Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a small star with a 1 cm radius. List the connection order you used.

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 places five points at equal spacing but connects 1-2, 2-3, 3-4, 4-5, 5-1. What shape results, and how should they fix it?

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 two small stars: one with a 1.5 cm radius and one with a 2 cm radius. Compare their spacing.

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

You draw a small star and one arm looks longer. Describe a correction that does not redraw the whole star.

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.