Spiral Swirl Line Drawing: Direction Arrows and Control Practice

Original task 1 / independent drawing and calculation

Task 1

Draw a counterclockwise loose spiral inside a 5 cm circle guide. Use gaps about 1 cm wide. Add three arrows. Measure the largest and smallest gaps and state whether gap evenness passes.

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

Draw an alternating spiral that starts clockwise for one full turn, then switches to counterclockwise for one full turn, then back to clockwise. Place an arrow at each turn. Label the spiral.

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 tight spirals side by side: one clockwise and one counterclockwise. Use the same center dot spacing and gap width. Add two arrows to each. Compare the gap evenness of both.

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.

Spiral Swirl Line Drawing: Direction Arrows and Control Practice

Original task 4 / independent drawing and calculation

Task 4

Draw a spiral that starts at the outside and winds inward, counterclockwise, with loose spacing. Add three arrows pointing inward along the path. Measure the total number of full turns and the largest gap.

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.