Shoelace Drawing: Eyelets, Crossings, Loops and Knots

Original task 1 / independent drawing and calculation

Task 1

Draw a two-column eyelet grid with three rows on each side. Label the left eyelets L1-L3 and right eyelets R1-R3. Draw the lace path L1, R2, L3, R1, L2, R3. Mark every interior crossing and state which strand is on top at each crossing.

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 a bow loop at the top of a two-column eyelet grid. The lace ends leave L1 and R1. Draw two rounded loops and a centre knot. Use the over-under convention at the knot and label the top strand.

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

On a blank eyelet panel with two columns of four eyelets, draw a complete shoelace construction: criss-cross path, two bow loops and a centre knot. Use any consistent numbered sequence and state the sequence 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 4 / independent drawing and calculation

Task 4

Draw a knot-step row showing three stages: lace ends crossing, first loop formed, and finished knot with two loops. Use the over-under convention at each stage and explain one check 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.

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.