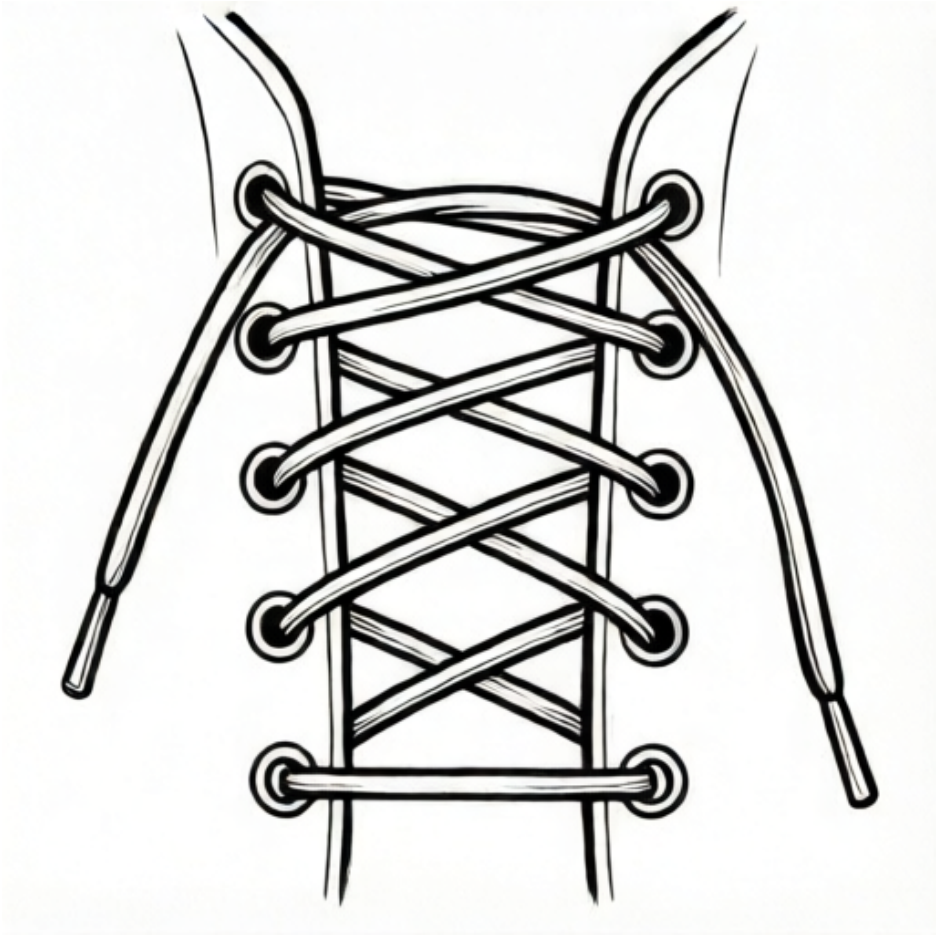
Shoelace Drawing: Eyelets, Crossings, Loops and Knots

Ordinary topic reference / separately checked pixels



Shoelace Drawing: Eyelets, Crossings, Loops and Knots

Original worked example / unchanged complete key

Prompt: On a two-column eyelet grid with left eyelets L1-L4 and right eyelets R1-R4, draw a criss-cross lace path using the sequence L1, R2, L3, R4, L2, R3. Show both interior crossings and label the top strand at each one.

Answer: Draw four eyelet circles in each column and label them. Connect the sequence L1-R2, R2-L3, L3-R4, R4-L2, and L2-R3. The segments R2-L3 and L2-R3 cross at (x=1/2, y=5/2): keep R2-L3 continuous and break L2-R3. The segments R2-L3 and R4-L2 also cross at (x=1/3, y=8/3): keep R4-L2 continuous and break R2-L3. Coordinates use x=0 at the left column, x=1 at the right, and row number y. Verify both lower strands have a short gap and the path still follows the sequence.