Pencil Water: Ripples and Reflections

Original task 1 / independent drawing and calculation

Task 1

Calm water: draw five horizontal reflection bands across a 10 cm wide water area. Use one x-height unit of 1 cm. Space bands evenly and shade with two tonal steps.

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.

Pencil Water: Ripples and Reflections

Original task 2 / independent drawing and calculation

Task 2

Rippled water: place a disturbance at the center of a 12 cm row. Draw four ellipses with spacing increasing by half an x-height each time, starting at 1 cm. State the spacing sequence.

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.

Pencil Water: Ripples and Reflections

Original task 3 / independent drawing and calculation

Task 3

Reflection break: a vertical post reflection is 8 cm tall and 2 cm wide. Break it with three light gaps of 0.5 cm each. What total dark band length remains?

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.

Pencil Water: Ripples and Reflections

Original task 4 / independent drawing and calculation

Task 4

Tone check: a water area has light, mid, and dark bands in ratio 2:3:1 across a 12 cm width. Find the width of each tone band.

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.