Shape Overlay Tracing: Simplified Outlines on Photo References

Original task 1 / independent drawing and calculation

Task 1

A photo box is 100 mm wide and 70 mm high. A rectangular mass is centered 30 mm from the left and 25 mm from the top. A circular mass is centered 70 mm from the left and 50 mm from the top. Draw a rectangle and a circle overlay, label them, and redraw on blank paper. Use a hypothetical threshold of 5 mm.

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 photo box is 90 mm wide and 60 mm high. An oval mass is centered 25 mm from the left and 20 mm from the top. A second oval is centered 65 mm from the left and 40 mm from the top. Draw two ovals, label them O1 and O2, and redraw. Use a hypothetical threshold of 4 mm.

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

A photo box is 120 mm wide and 80 mm high. A circle is centered 40 mm from the left and 30 mm from the top. A rectangle is centered 80 mm from the left and 55 mm from the top. Draw the overlay, label shapes, and redraw. Use a hypothetical threshold of 6 mm.

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

A photo box is 70 mm wide and 50 mm high. An oval is centered 20 mm from the left and 15 mm from the top. A circle is centered 50 mm from the left and 35 mm from the top. Draw the overlay, label shapes, and redraw. Use a hypothetical threshold of 3 mm.

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.