Drawing a Mirror Reflection: Placing the Reflected Object Correctly

Original task 1 / independent drawing and calculation

Task 1

A vertical mirror line is drawn. A cup's left edge is 3 cm in front of the mirror and its right edge is 7 cm in front. The cup top is 5 cm above the baseline. State the reflected edge distances behind the mirror and the reflected top height.

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 vertical mirror line is drawn. An object has a handle on its left side, 2 cm from the object's centre, and a highlight 1 cm to the right of centre. The object centre is 4 cm in front of the mirror. Describe where the reflected handle and reflected highlight appear relative to the reflected centre.

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.

Drawing a Mirror Reflection: Placing the Reflected Object Correctly

Original task 3 / independent drawing and calculation

Task 3

A vertical mirror line is drawn. An original edge is 5 cm in front of the mirror. The drawn reflected edge is 8 cm behind the mirror. Find the placement error and state how to correct it.

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.

Drawing a Mirror Reflection: Placing the Reflected Object Correctly

Original task 4 / independent drawing and calculation

Task 4

A vertical mirror line is drawn. A label on the object reads with its first letter on the left. The label's x-height is 1.5 cm from baseline to midline. Describe the reflected label's left-right order and x-height, allowing for valid letter-style differences.

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.