Plot Linear Inequality Regions: Boundary Lines and Test-Point Checks

Original task 1 / independent drawing and calculation

Task 1

Graph $y \geq -x + 2$. State the boundary line style, choose a test point, and describe the shaded region.

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

Graph 2x + y < 4. Find the boundary line by intercepts, state the line style, and use a test point to decide shading.

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

Graph y > 3. State the boundary line, line style, test point, and shaded region.

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.

Plot Linear Inequality Regions: Boundary Lines and Test-Point Checks

Original task 4 / independent drawing and calculation

Task 4

Graph $x \leq -1$. State the boundary line, line style, test point, and shaded region.

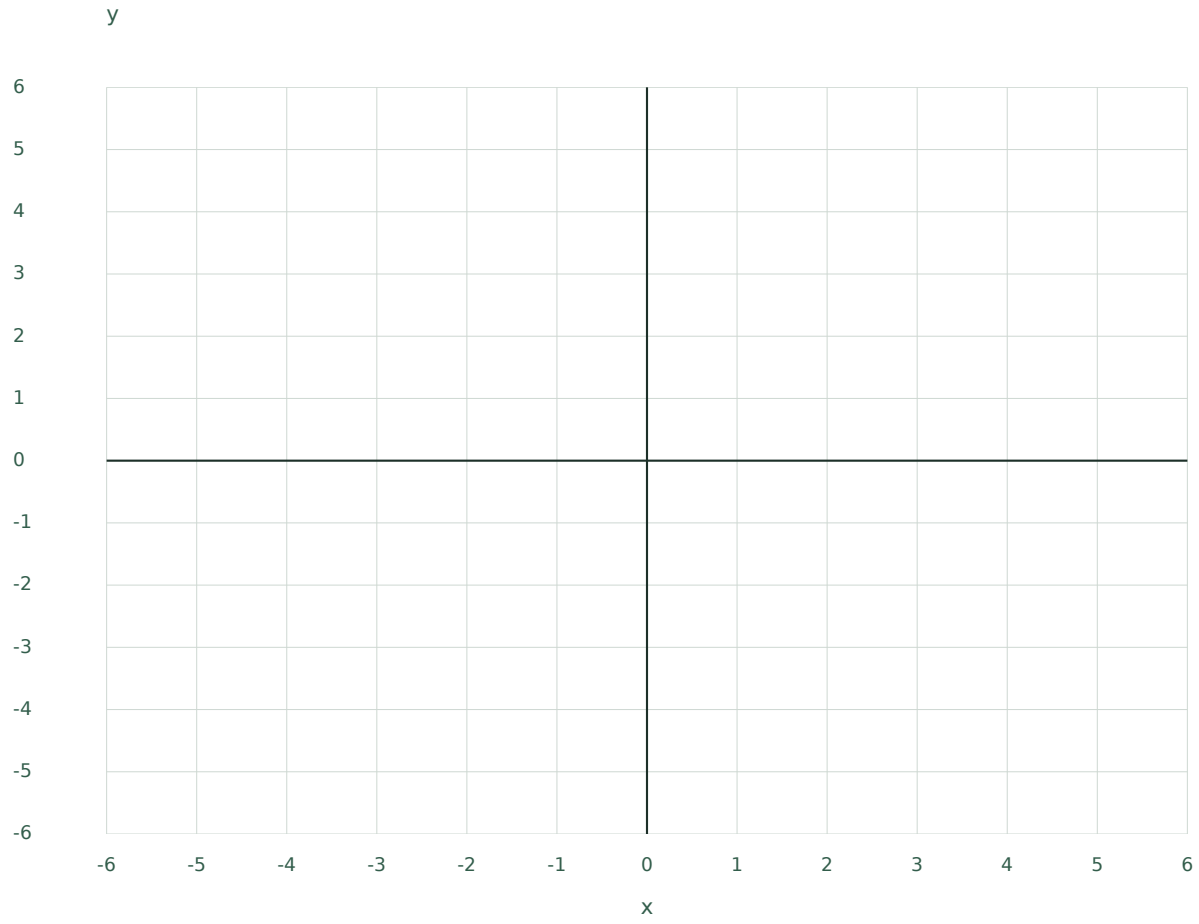
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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.

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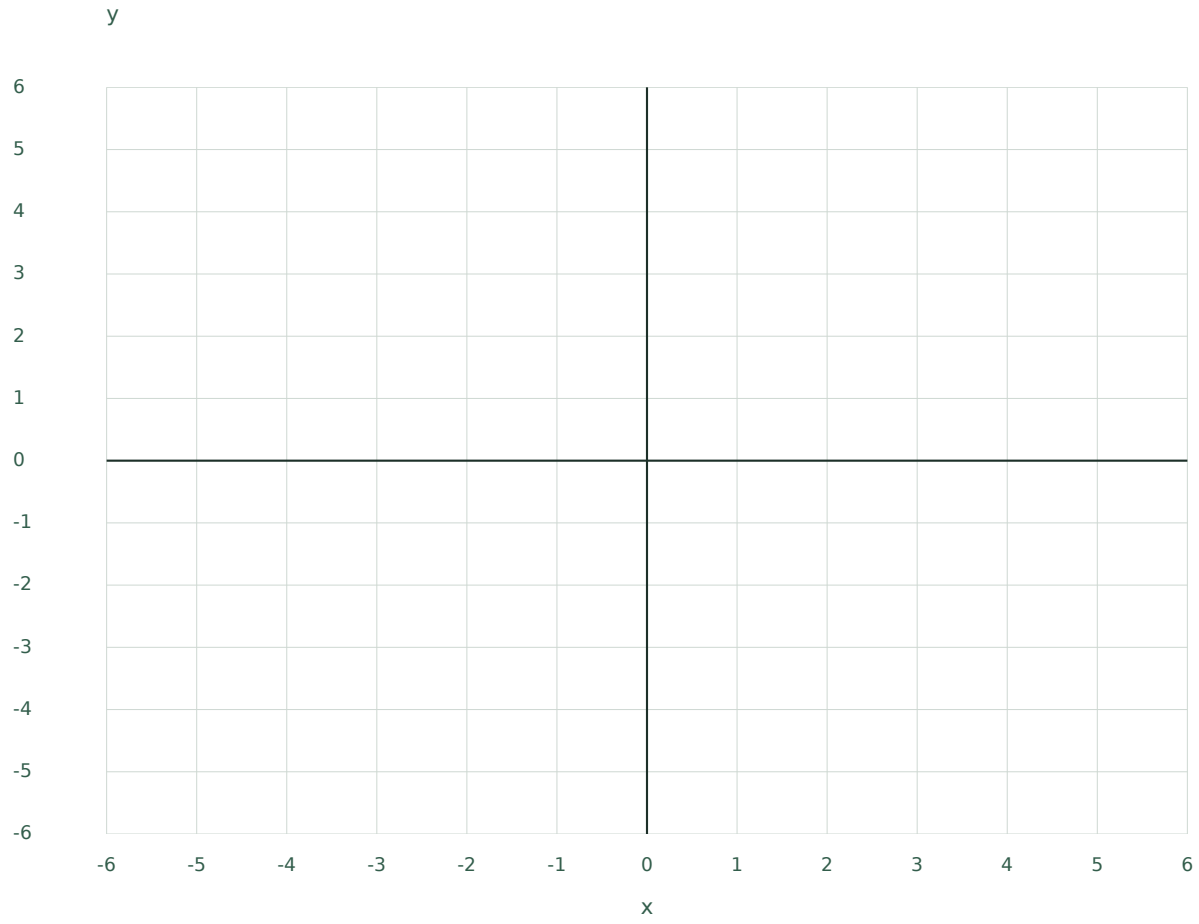
Task 1 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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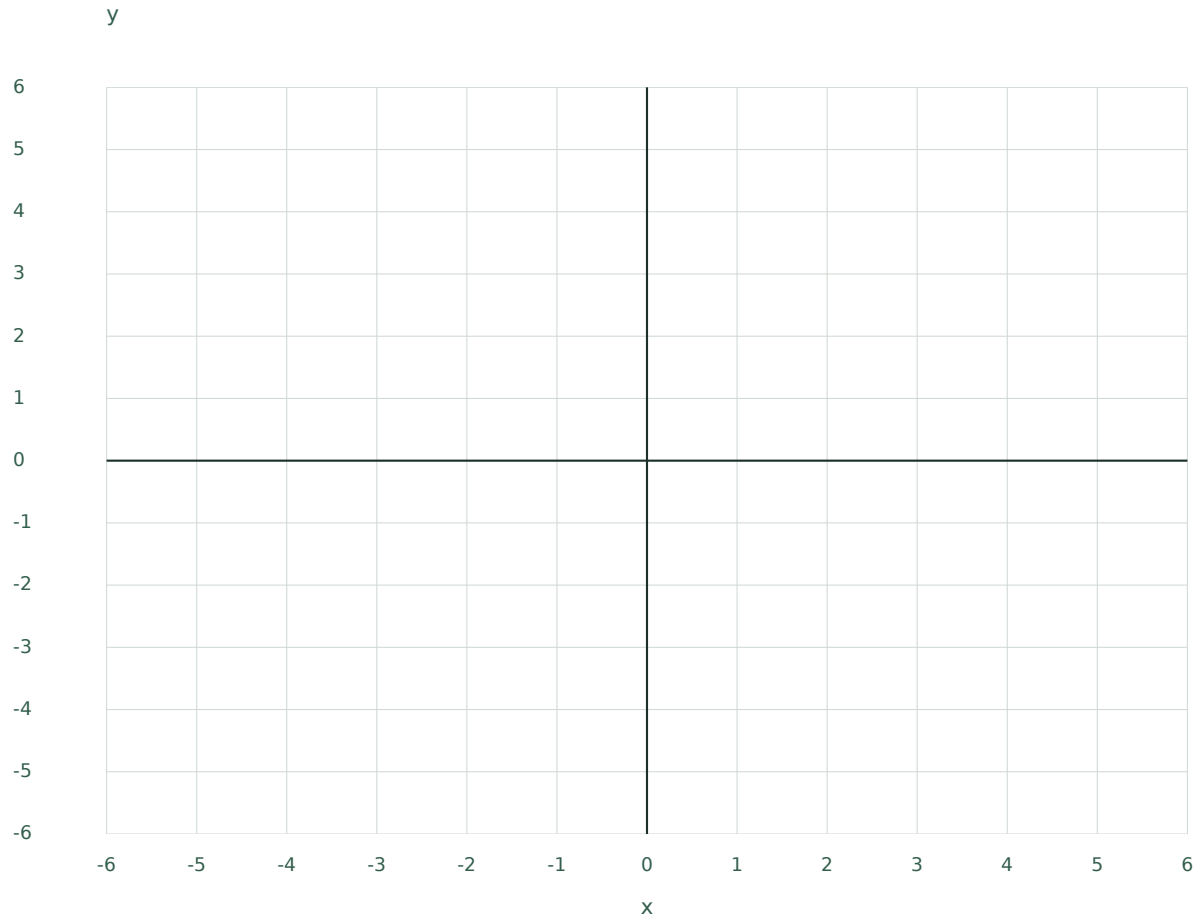
Task 2 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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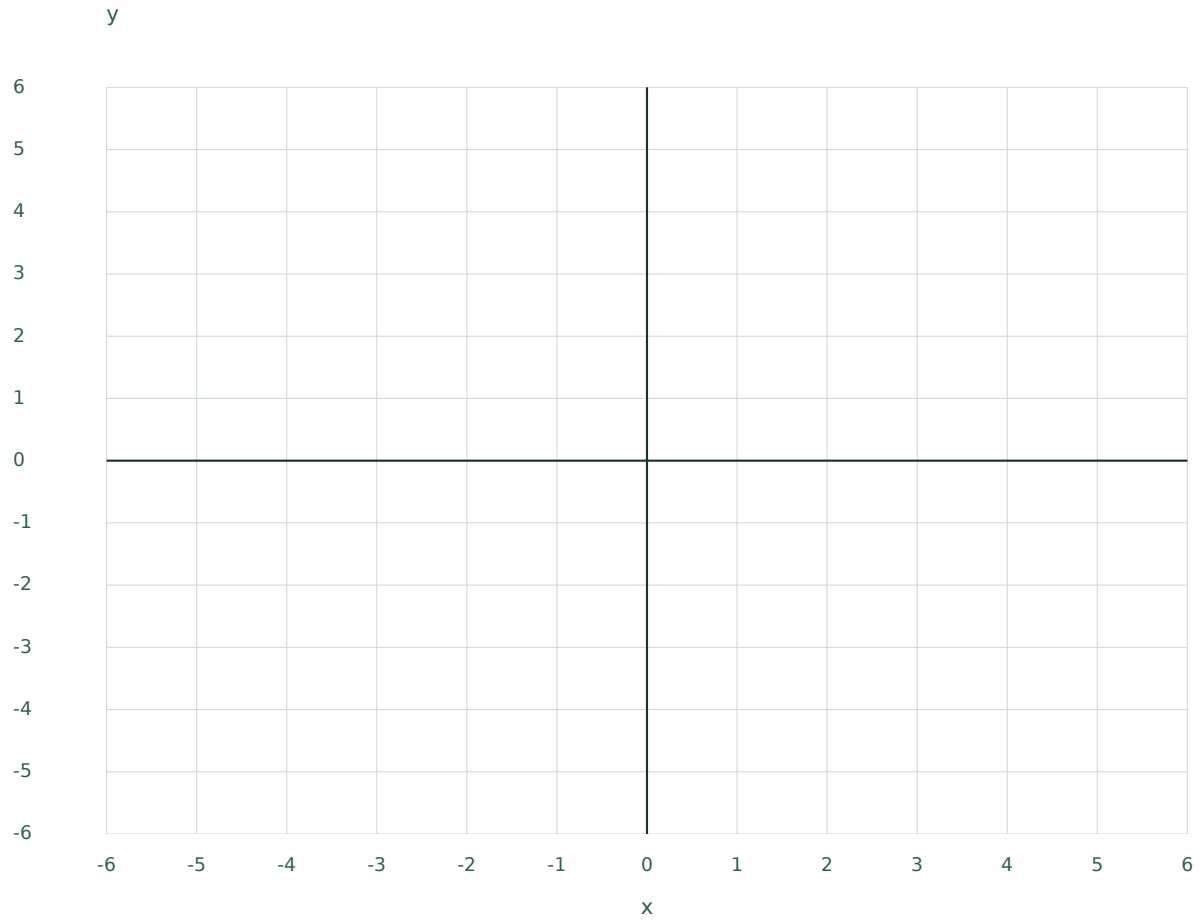
Task 3 / given or blank workspace



Student plotting workspace. No solution has been filled in.

Plot Linear Inequality Regions: Boundary Lines and Test-Point Checks

Task 4 / given or blank workspace



Student plotting workspace. No solution has been filled in.