Solve One-Variable Inequalities and Graph Solution Sets

Original task 1 / independent drawing and calculation

Task 1

Solve 2x + 3 > 11, graph the solution on a number line, and write it in interval notation.

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

Solve -3x ≥ 12, graph the solution on a number line, and write it in interval notation.

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

Solve 5 - x < 2, graph the solution on a number line, and write it in interval notation.

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.

Solve One-Variable Inequalities and Graph Solution Sets

Original task 4 / independent drawing and calculation

Task 4

Solve $7x - 4 \leq 3x + 8$, graph the solution on a number line, and write it in interval notation.

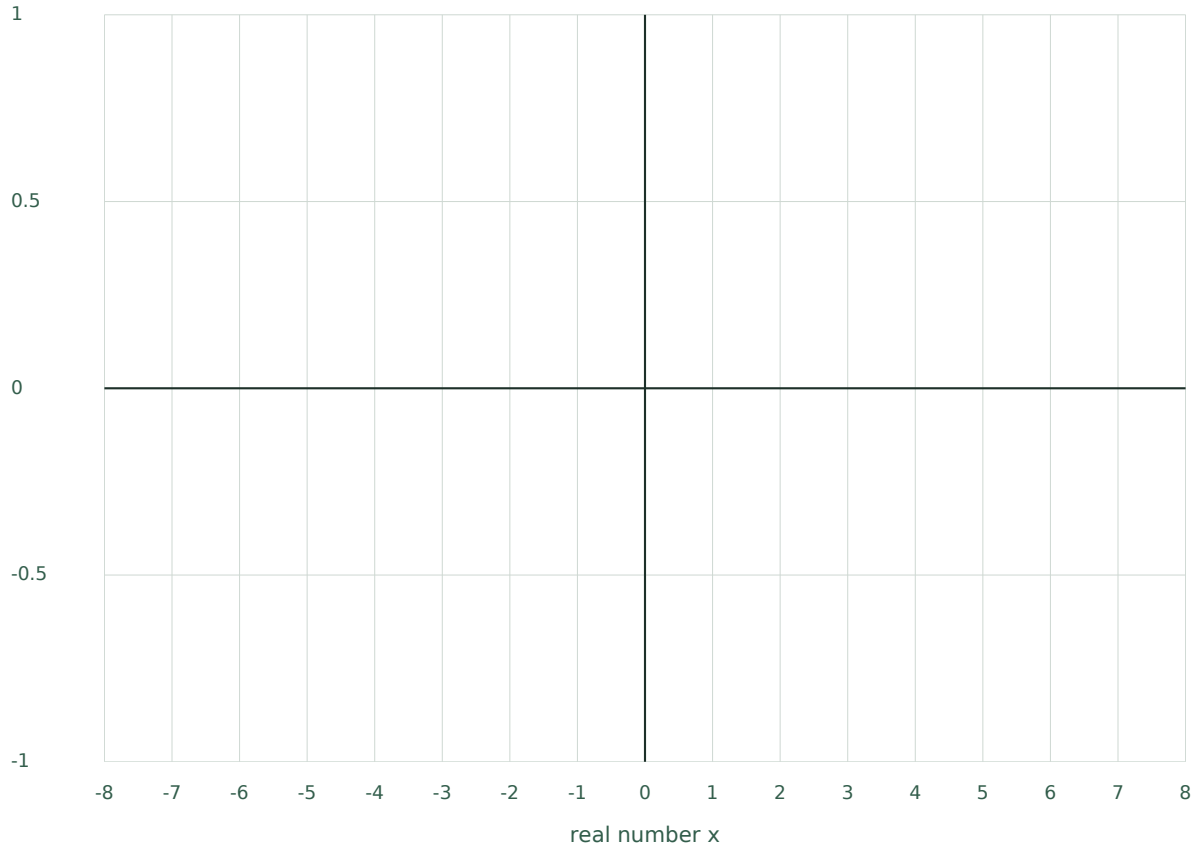
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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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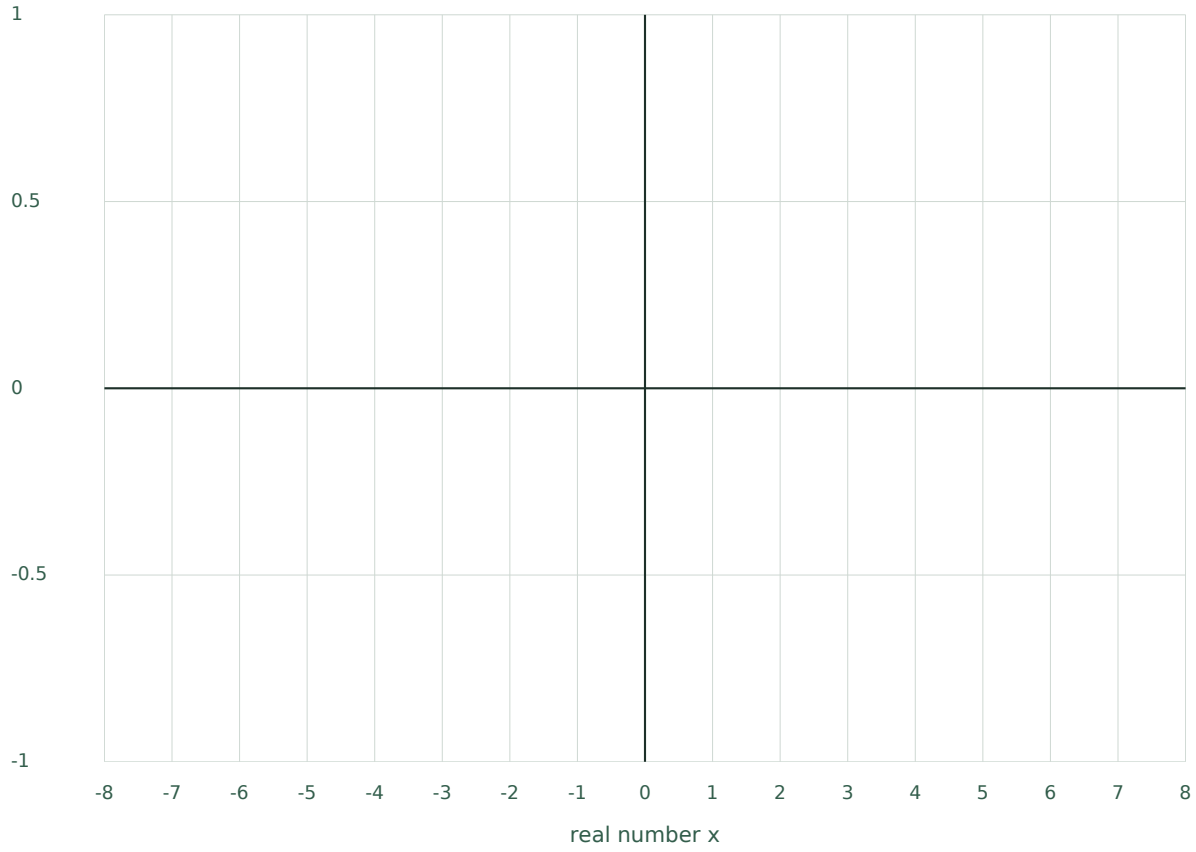
Task 1 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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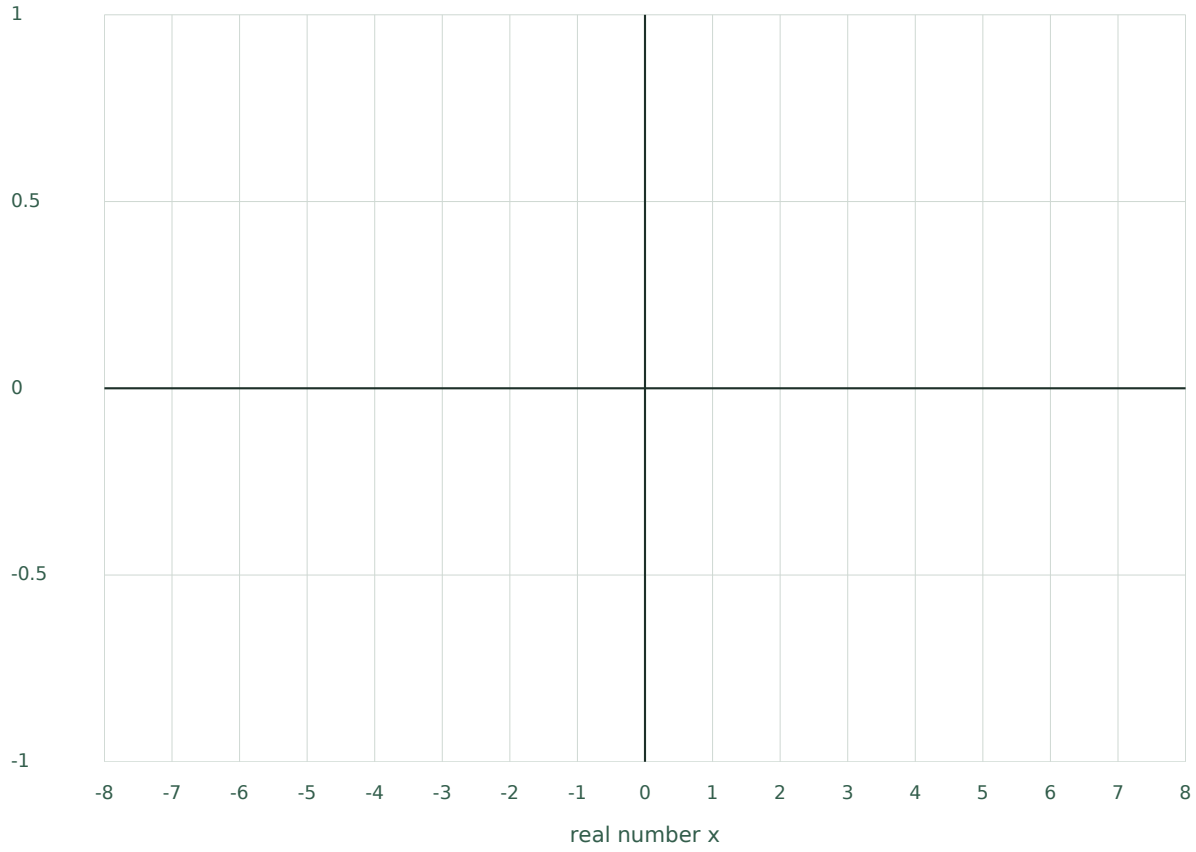
Task 2 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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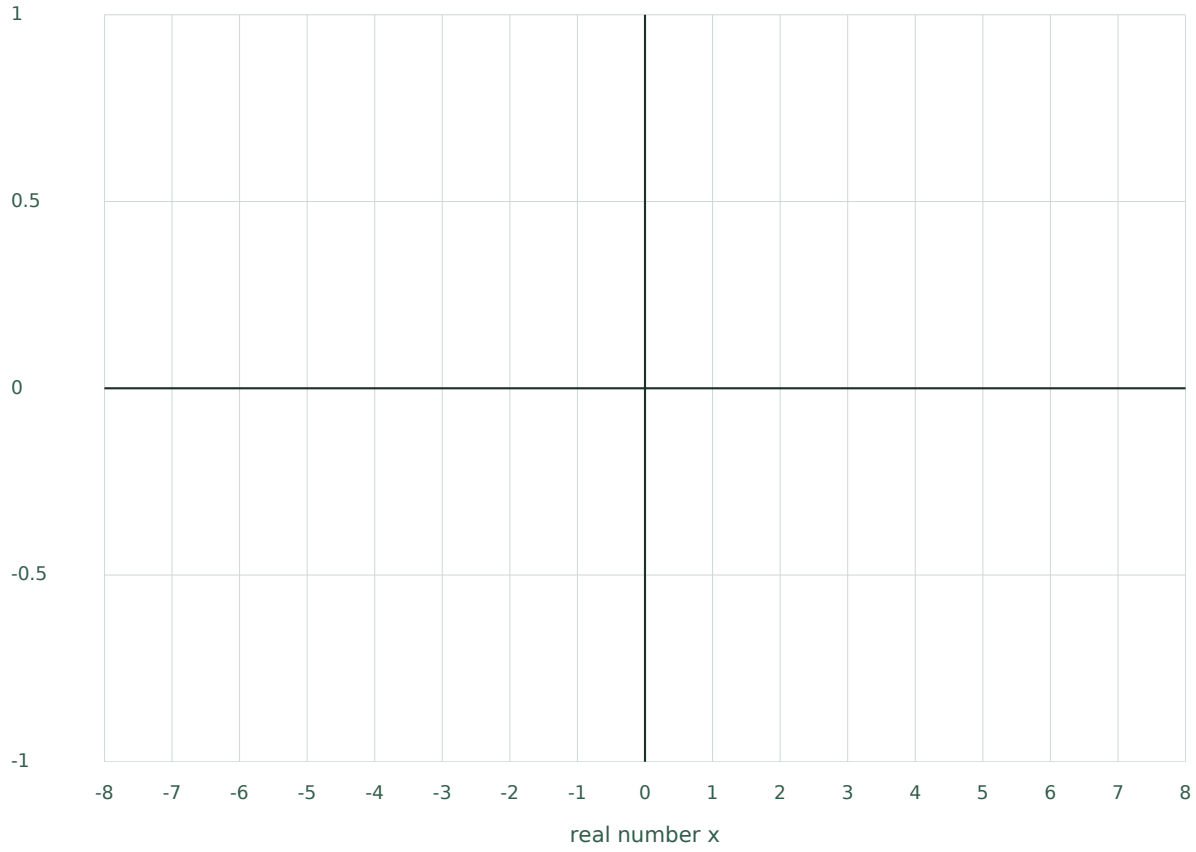
Task 3 / given or blank workspace



Student plotting workspace. No solution has been filled in.

Solve One-Variable Inequalities and Graph Solution Sets

Task 4 / given or blank workspace



Student plotting workspace. No solution has been filled in.