Practice Drawing Floor and Ceiling Functions: Step Graphs with Open and Closed Endpoints

Original task 1 / independent drawing and calculation

Task 1

Graph y = floor(x) for x from -2 to 2. Mark all endpoints and state your convention.

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 y = ceil(x) for x from -1 to 2. Mark all endpoints and state your convention.

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 = floor(x) - 1 for x from -1 to 2. Mark all endpoints and state your convention.

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

Graph y = ceil(2x) for x from 0 to 1.5. Mark all endpoints and state your convention.

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.

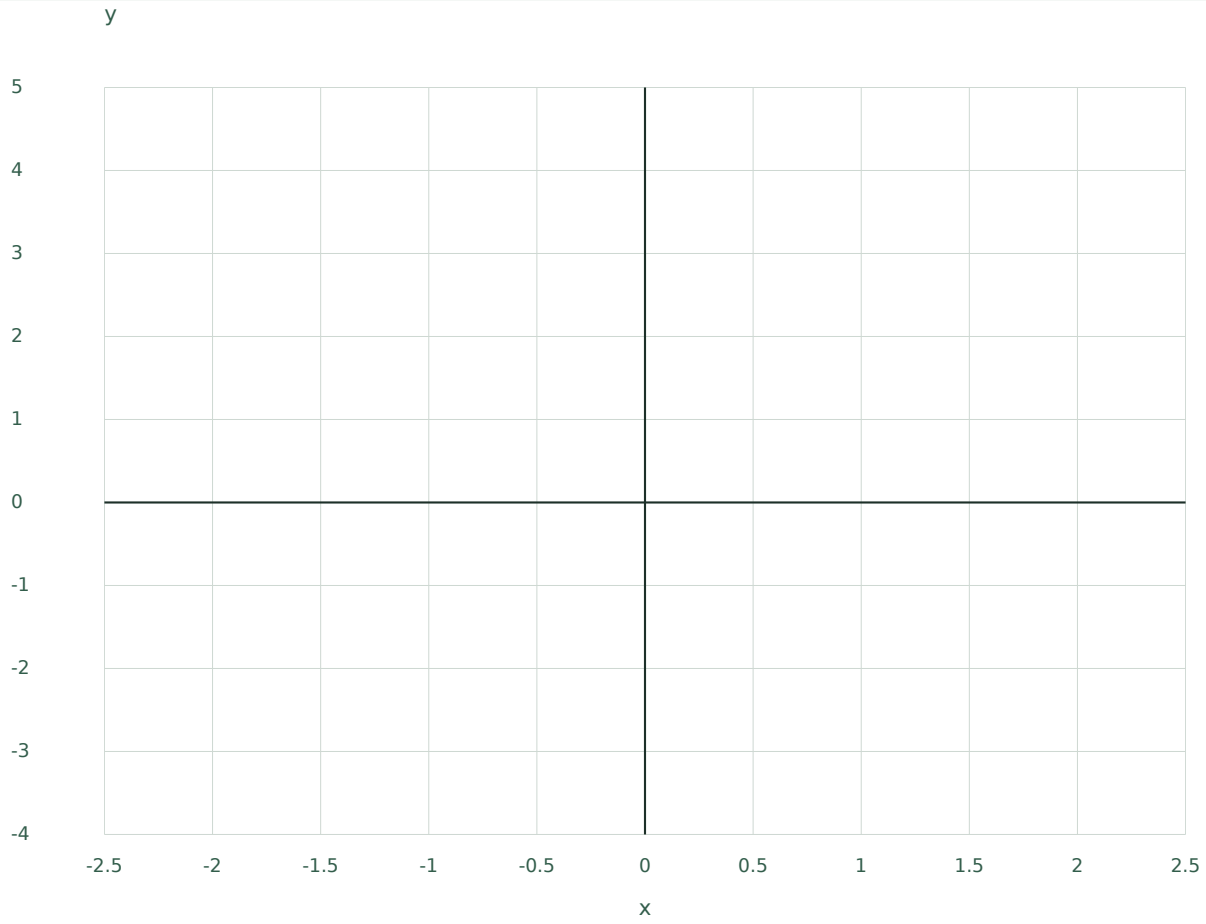


Full drawing sheet / reusable blank workspace

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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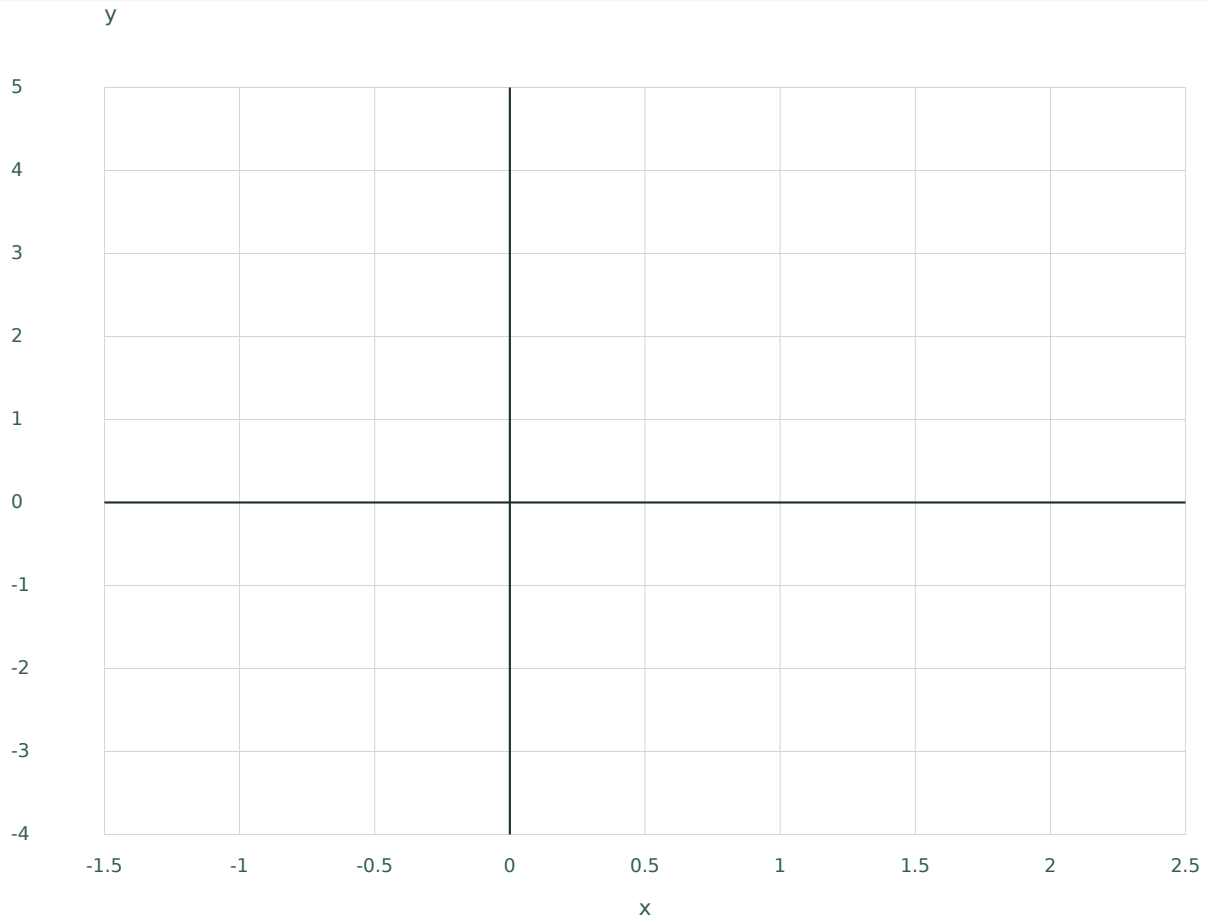
Task 1 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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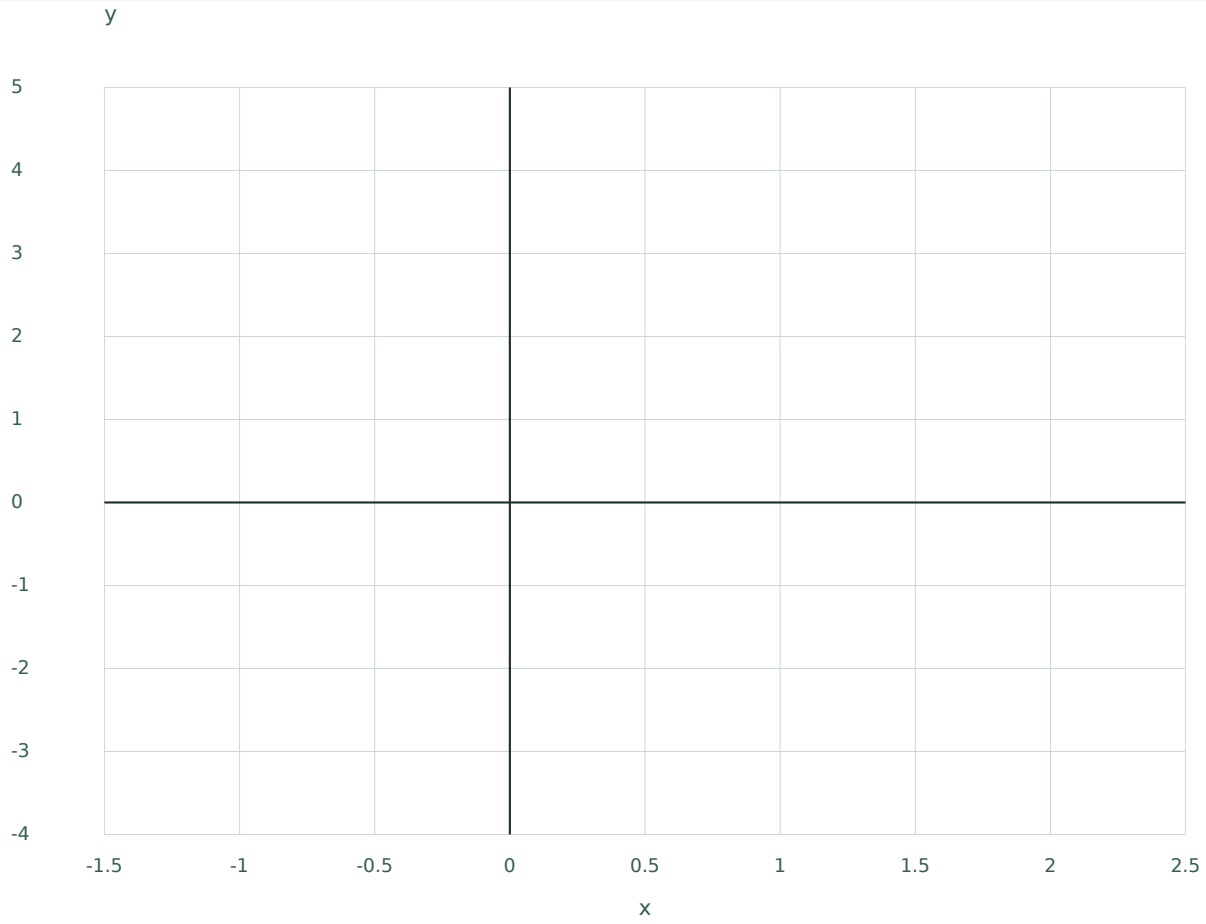
Task 2 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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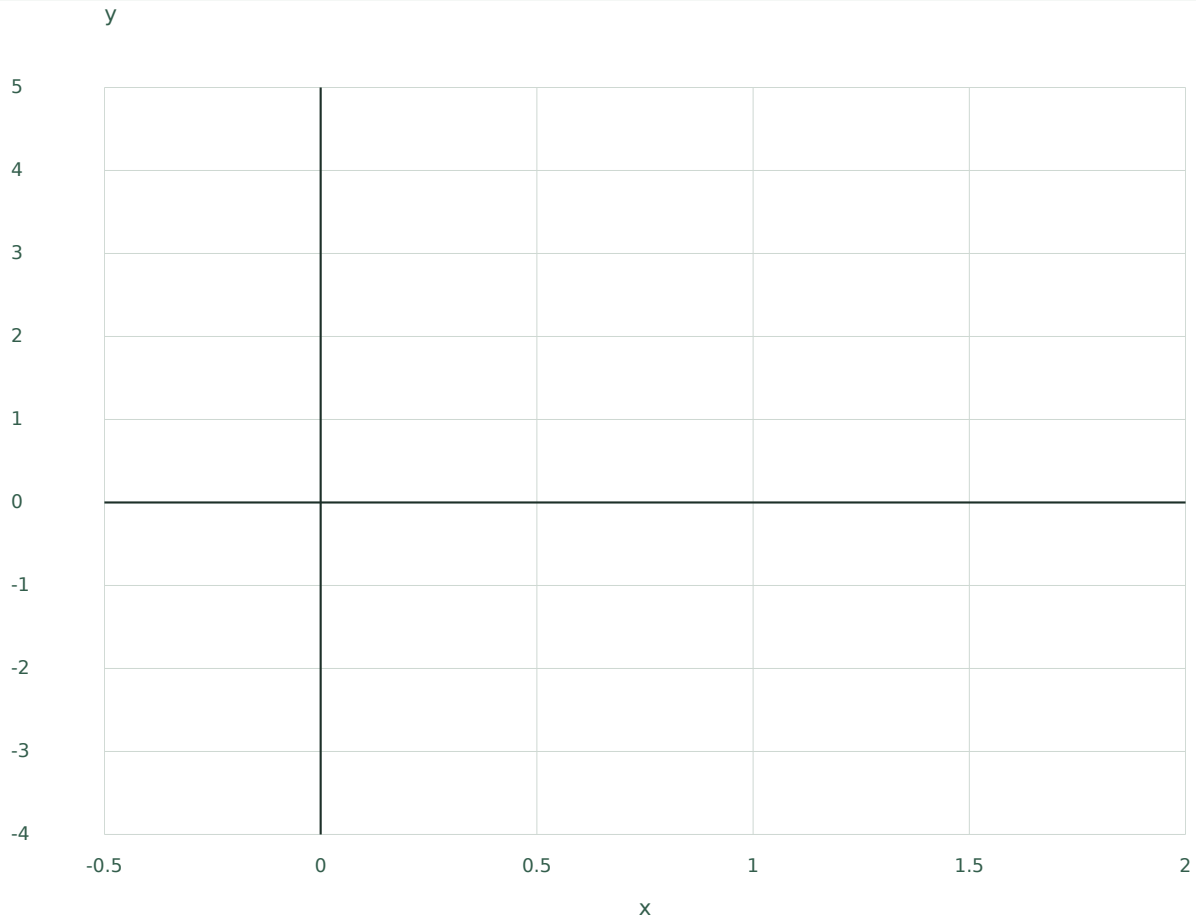
Task 3 / given or blank workspace



Student plotting workspace. No solution has been filled in.

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Task 4 / given or blank workspace



Student plotting workspace. No solution has been filled in.