Graphing Linear Functions Worksheet: Slope-Intercept Practice

Original tasks 1, 2 / independent work

Task 1

Graph y = 2x + 1 on a grid with one-unit squares. State the intercept, the second point, and verify.

Task 2

Graph y = -1/2 x + 4 on a grid with one-unit squares. State the intercept, the second point, and verify.

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Original tasks 3, 4 / independent work

Task 3

Graph y = 3/4 x - 2 on a grid with one-unit squares. State the intercept, the second point, and verify.

Task 4

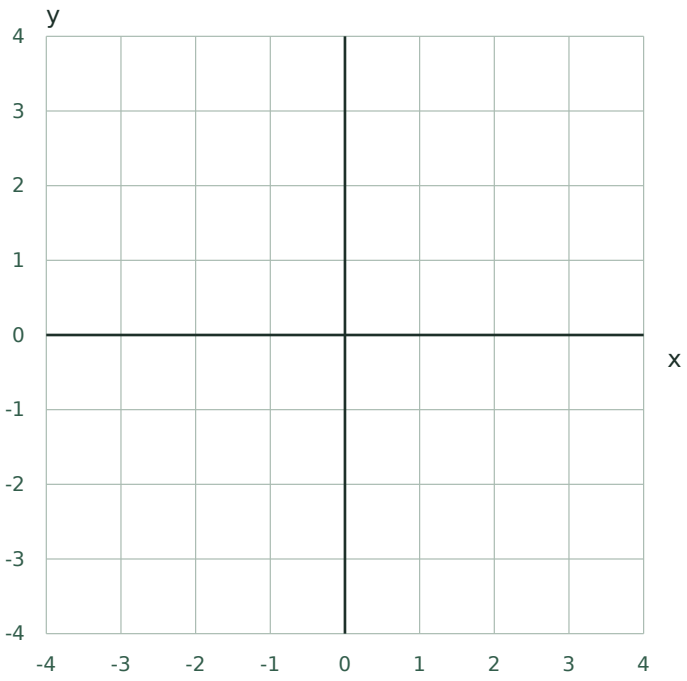
Graph y = -3x + 5 on a grid with one-unit squares. State the intercept, the second point, and verify.

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Task 1 / empty source grid

Graph y = 2x + 1 on a grid with one-unit squares. State the intercept, the second point, and verify.

Line 1 (solid green): y = 2x + 1



Student grid: plot your own points and source line(s). No solution is prefilled.

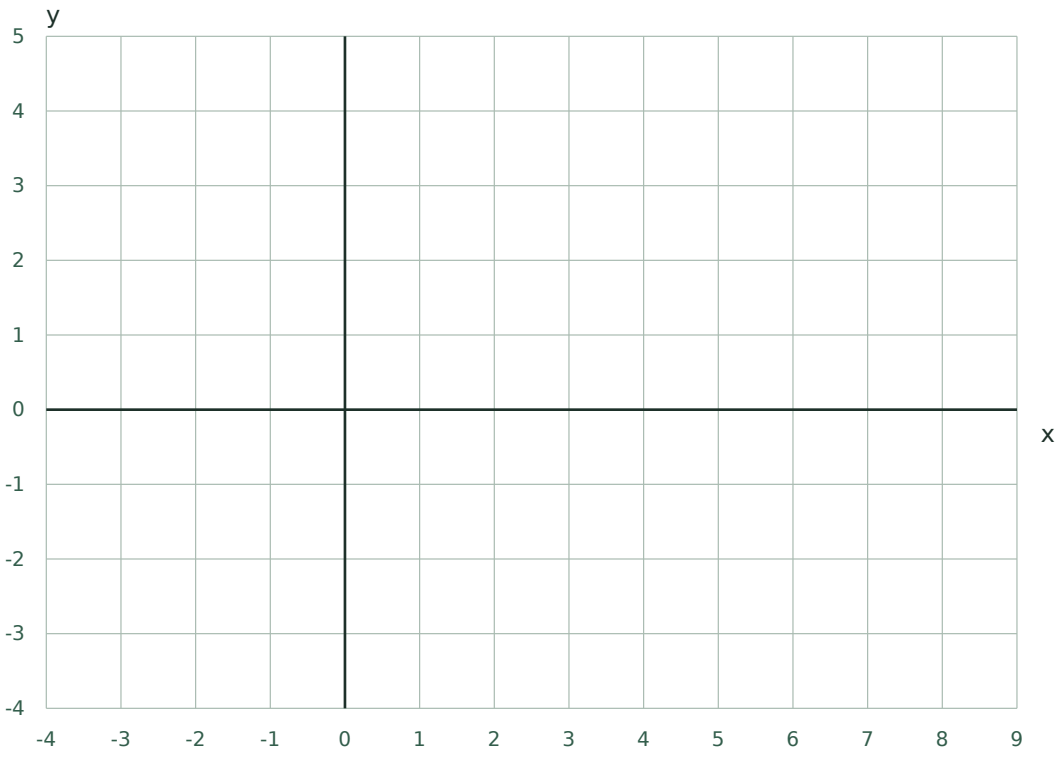
Horizontal interval = 1; vertical interval = 1. This is a display window, not a new domain.

Graphing Linear Functions Worksheet: Slope-Intercept Practice

Task 2 / empty source grid

Graph y = -1/2 x + 4 on a grid with one-unit squares. State the intercept, the second point, and verify.

Line 1 (solid green): y = -1/2 x + 4



Student grid: plot your own points and source line(s). No solution is prefilled.

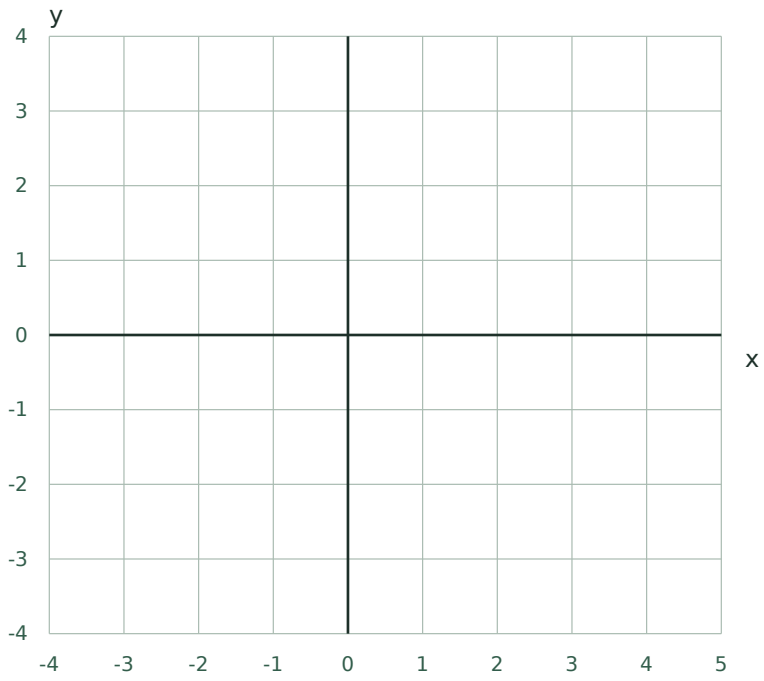
Horizontal interval = 1; vertical interval = 1. This is a display window, not a new domain.

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Task 3 / empty source grid

Graph y = 3/4 x - 2 on a grid with one-unit squares. State the intercept, the second point, and verify.

Line 1 (solid green): y = 3/4 x - 2



Student grid: plot your own points and source line(s). No solution is prefilled.

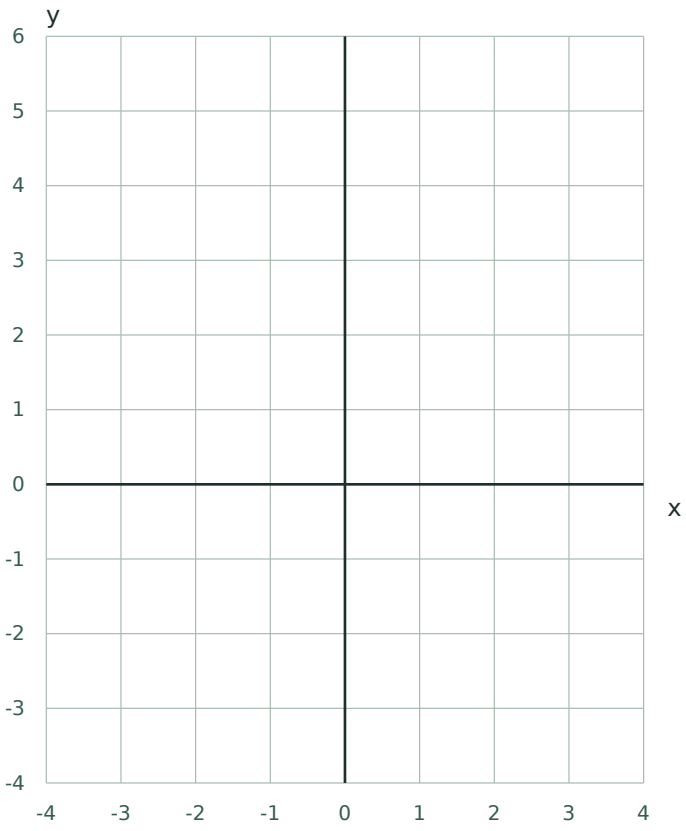
Horizontal interval = 1; vertical interval = 1. This is a display window, not a new domain.

Graphing Linear Functions Worksheet: Slope-Intercept Practice

Task 4 / empty source grid

Graph y = -3x + 5 on a grid with one-unit squares. State the intercept, the second point, and verify.

Line 1 (solid green): y = -3x + 5



Student grid: plot your own points and source line(s). No solution is prefilled.

Horizontal interval = 1; vertical interval = 1. This is a display window, not a new domain.