Graphing Horizontal and Vertical Lines: x = a and y = b

Original tasks 1, 2 / independent work

Task 1

Graph y = 4 on a grid with equal spacing and state its slope.

Task 2

Graph x = 2 on a grid with equal spacing and state its slope.

Graphing Horizontal and Vertical Lines: x = a and y = b

Original tasks 3, 4 / independent work

Task 3

A classmate graphs y = -1 as a vertical line through -1 on the x-axis. Identify the error and describe the correct graph.

Task 4

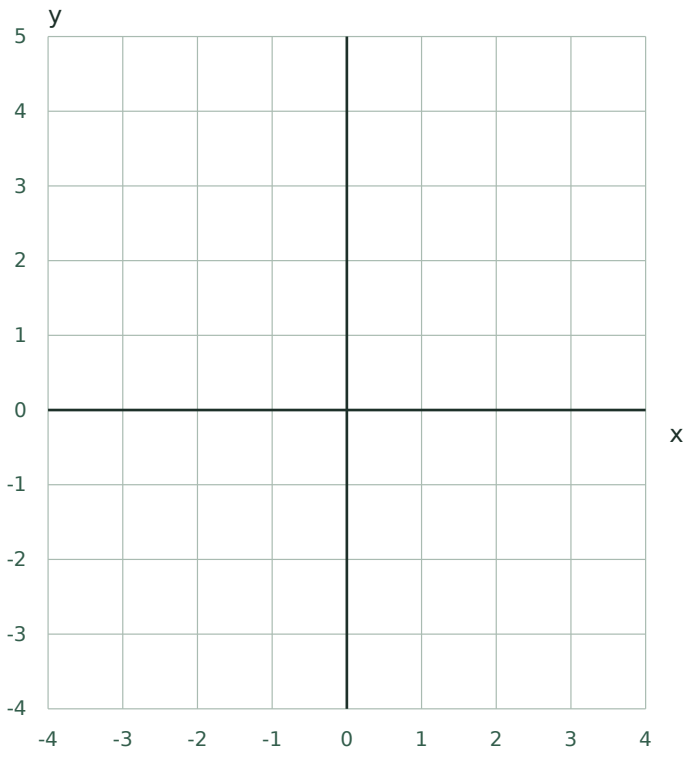
Without graphing, decide whether each line is horizontal or vertical and give its slope: x = 5, y = 0, y = -3, x = 0.

Graphing Horizontal and Vertical Lines: x = a and y = b

Task 1 / empty source grid

Graph y = 4 on a grid with equal spacing and state its slope.

Line 1 (solid green): y = 4



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

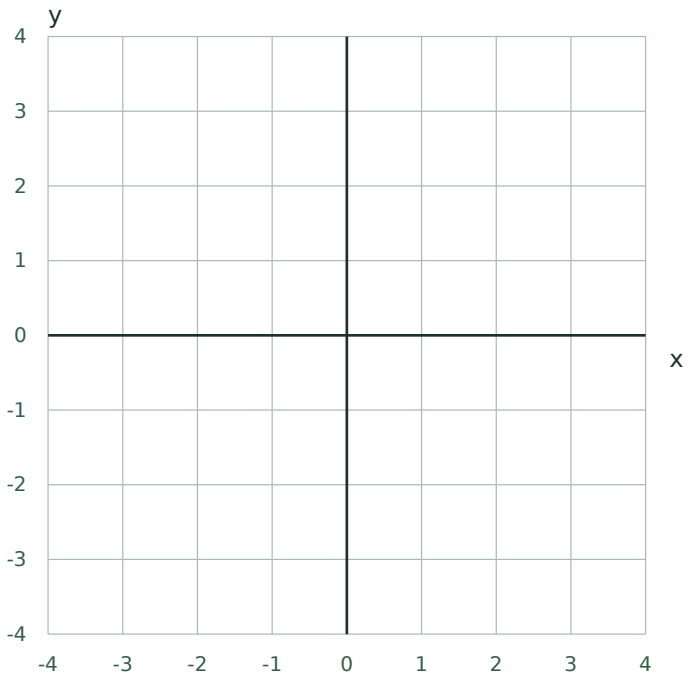
Horizontal interval = 1; vertical interval = 1. This is a display window, not a new domain.

Graphing Horizontal and Vertical Lines: x = a and y = b

Task 2 / empty source grid

Graph x = 2 on a grid with equal spacing and state its slope.

Line 1 (solid green): 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.