Graphing Review Worksheet: Plotting, Slope, Intercepts, and Reading Lines

Original tasks 1, 2 / independent work

Task 1

Plot the points A(2, 3), B(-1, 4), and C(0, -2) on a coordinate plane. Describe where each point lies relative to the axes.

Task 2

A line on a grid passes through (-2, 1) and (2, 5). Find the slope and state whether the line rises or falls from left to right.

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Original tasks 3, 4 / independent work

Task 3

A line has equation y = -3x + 6. Find the x-intercept and y-intercept as ordered pairs.

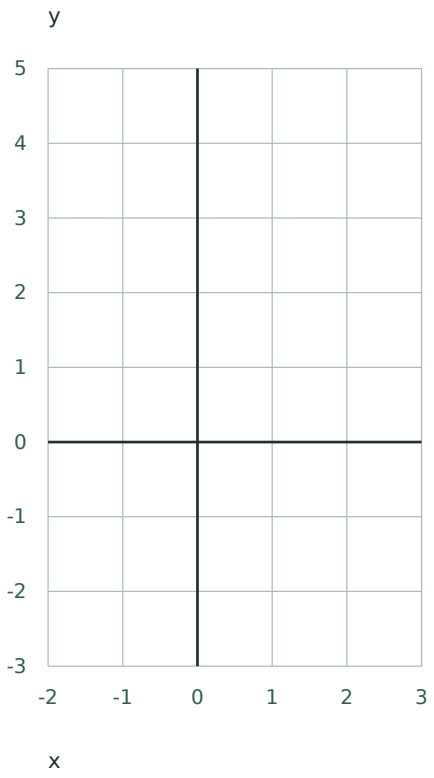
Task 4

A line graph shows distance in kilometers on the vertical axis and time in hours on the horizontal axis. Each grid square represents 1 hour horizontally and 5 kilometers vertically. The line passes through (0, 0) and (3, 15). What distance is shown at 4 hours, and what is the slope in kilometers per hour?

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Task 1 / empty coordinate grid

Plot the points A(2, 3), B(-1, 4), and C(0, -2) on a coordinate plane. Describe where each point lies relative to the axes.



Each horizontal interval = 1; each vertical interval = 1. The axes show a display window, not a newly imposed domain.