Linear Equation Vocabulary: Label the Graph and Match Terms

Original task 1 / independent drawing and calculation

Task 1

A diagram shows a line crossing the y-axis at (0, 1) and passing through (3, 7). Label the y-intercept and the slope. Explain your reasoning.

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.

Linear Equation Vocabulary: Label the Graph and Match Terms

Original task 2 / independent drawing and calculation

Task 2

Match each term to one definition: slope, ordered pair, y-intercept, coefficient. Definitions: (A) a number multiplying a variable; (B) the y-value where a line crosses the y-axis; (C) rise over run; (D) two numbers written as (x, y).

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.

Linear Equation Vocabulary: Label the Graph and Match Terms

Original task 3 / independent drawing and calculation

Task 3

In the hypothetical equation y = 5x + 3, identify the slope, the y-intercept, and the coefficient of x. Then state whether (1, 8) is an ordered pair on the line.

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.

Linear Equation Vocabulary: Label the Graph and Match Terms

Original task 4 / independent drawing and calculation

Task 4

A diagram shows a line crossing the x-axis at (4, 0) and the y-axis at (0, 2). Label the x-intercept and y-intercept. Then explain why (0, 2) is not the slope.

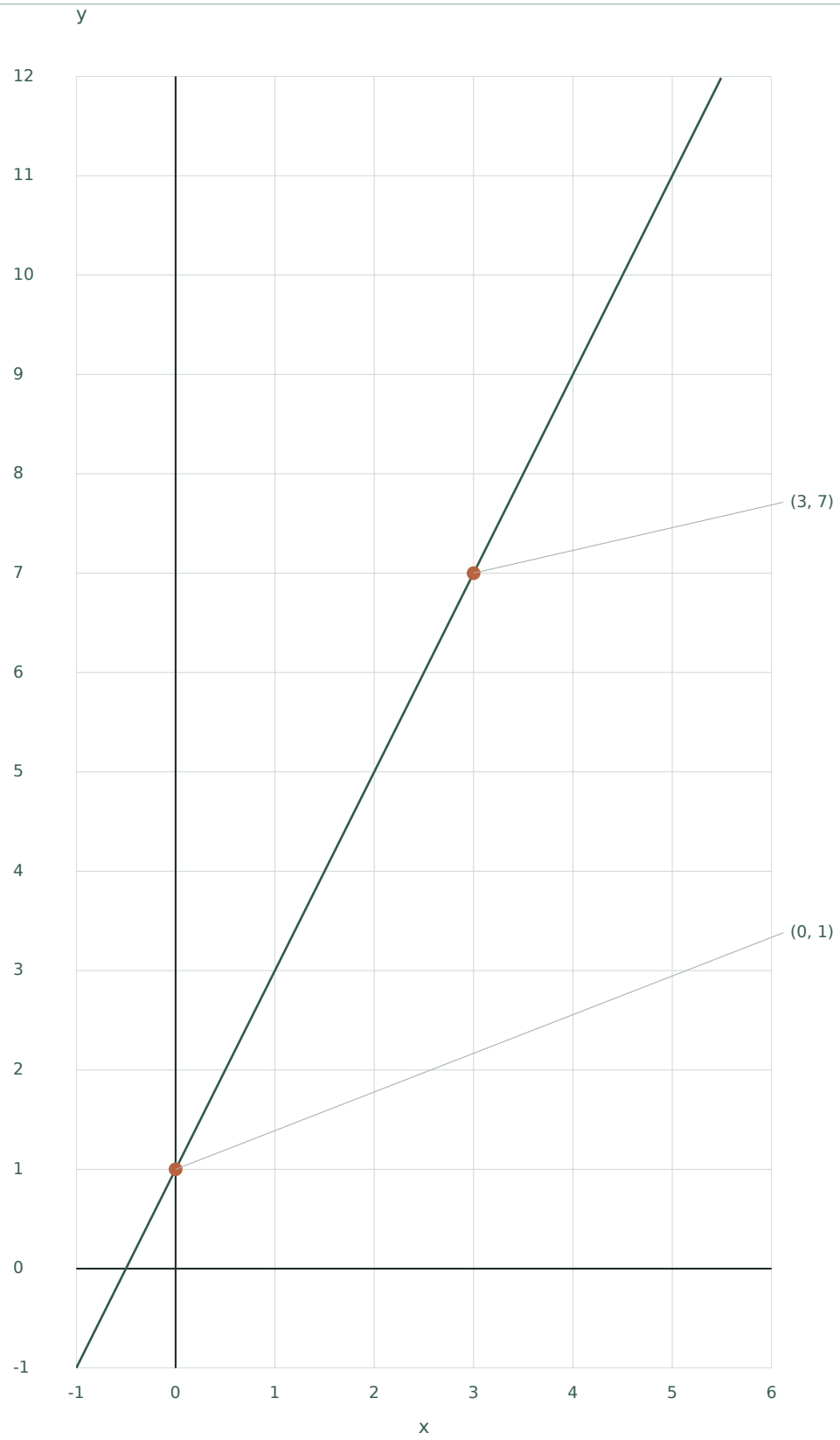
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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.

Linear Equation Vocabulary: Label the Graph and Match Terms

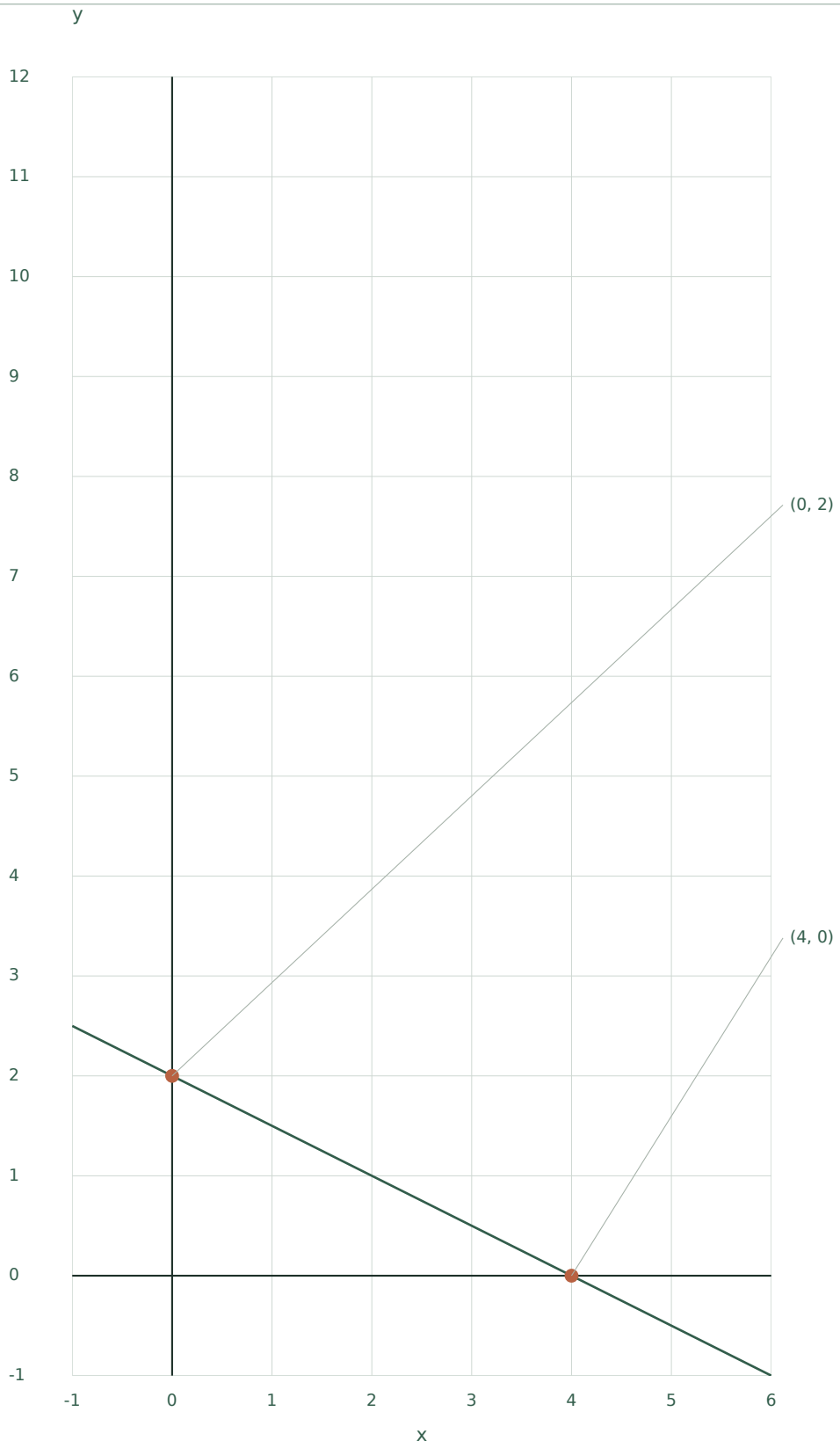
Task 1 / given graph



Coordinate labels sit outside the plot; thin grey leaders are annotations, not function curves.

Linear Equation Vocabulary: Label the Graph and Match Terms

Task 4 / given graph



Coordinate labels sit outside the plot; thin grey leaders are annotations, not function curves.