Printable Algebra Coordinate Grids: Labeled Axes, Quadrants, and Slope Reference

Original task 1 / independent drawing and calculation

Task 1

A grid has axes from -6 to 6 with labels every two cells. Plot P(-3, 2) and Q(1, 6). Find the rise, run, and 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.

Printable Algebra Coordinate Grids: Labeled Axes, Quadrants, and Slope Reference

Original task 2 / independent drawing and calculation

Task 2

On the same grid, plot R(-2, -1) and S(2, -5). Find the rise, run, and 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.

Printable Algebra Coordinate Grids: Labeled Axes, Quadrants, and Slope Reference

Original task 3 / independent drawing and calculation

Task 3

A grid shows quadrant numerals I, II, III, and IV. State which quadrant contains each point: (3, 4), (-2, 5), (-1, -3), (4, -2).

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.

Printable Algebra Coordinate Grids: Labeled Axes, Quadrants, and Slope Reference

Original task 4 / independent drawing and calculation

Task 4

A slope reference box states slope equals rise divided by run and gives the example from (1, 2) to (4, 6). Verify the example and state the slope.

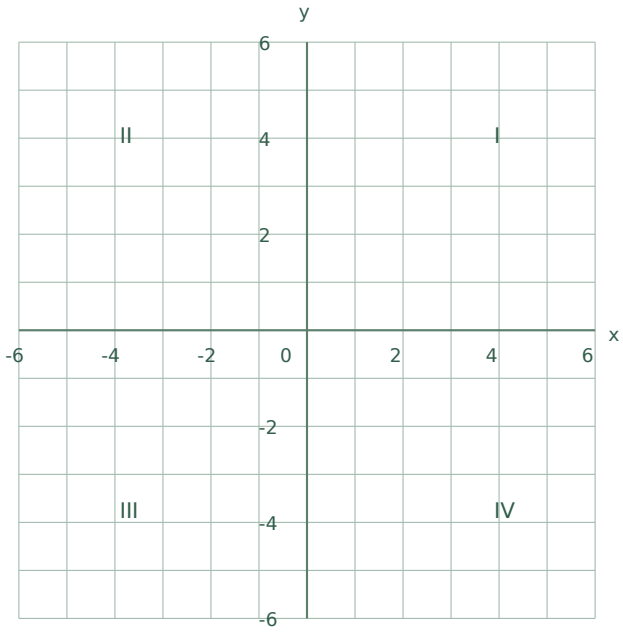
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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.

Task 1 / given

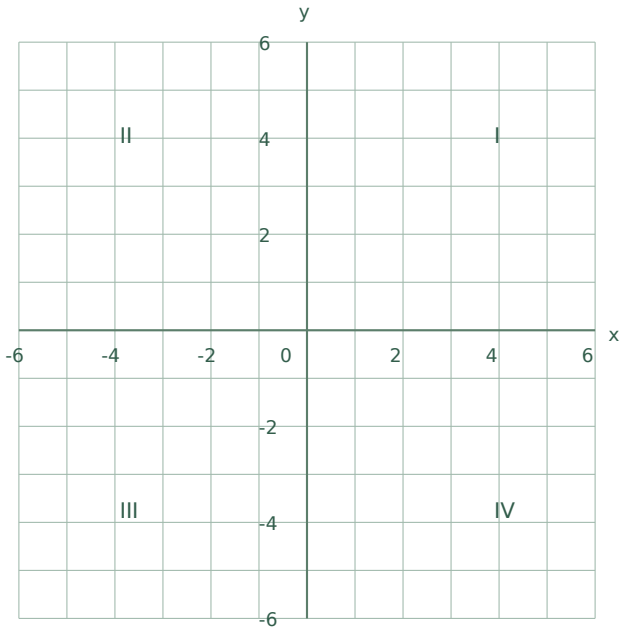
Original -6 to 6 window / quarter-inch cells



Supplied axes and labels only. Plot and calculate your own answer from the original question.

Task 2 / given

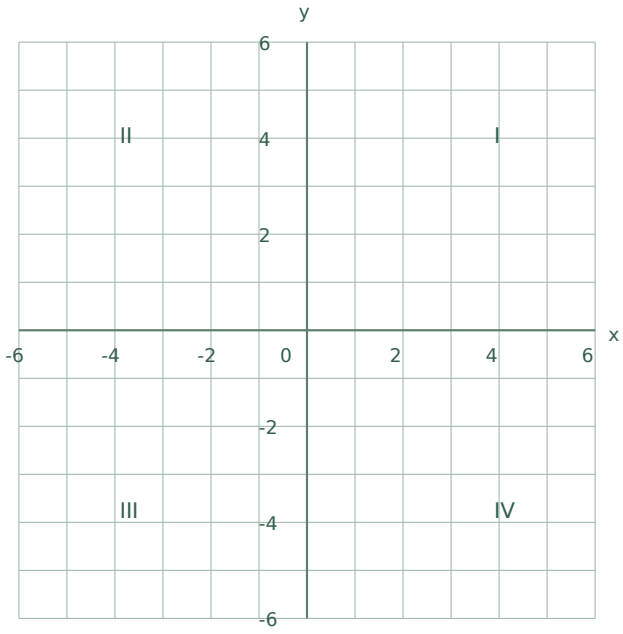
Original -6 to 6 window / quarter-inch cells



Supplied axes and labels only. Plot and calculate your own answer from the original question.

Task 3 / given

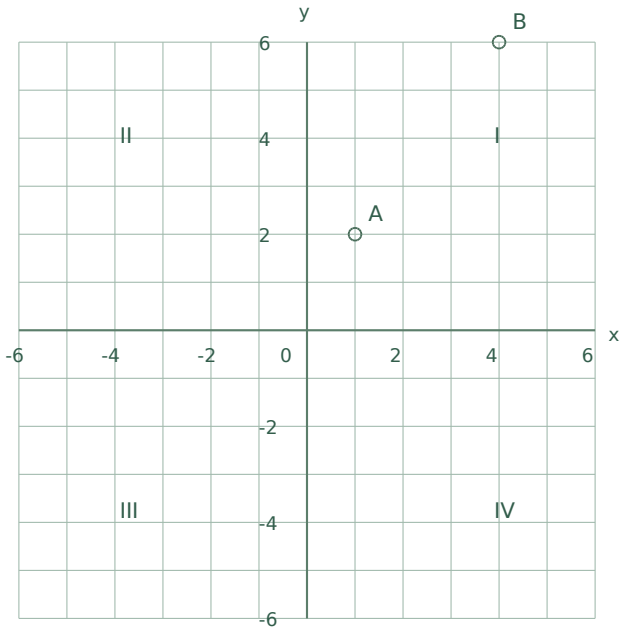
Original -6 to 6 window / quarter-inch cells



Supplied axes and labels only. Plot and calculate your own answer from the original question.

Task 4 / given

Original -6 to 6 window / quarter-inch cells



GIVEN: slope = rise / run; example (1,2) to (4,6). Verify it.