Graph Quadratic Inequalities: Shade the Solution Region

Original task 1 / independent drawing and calculation

Task 1

Graph y ≤ x^2 - 2x - 3. Find vertex, intercepts, boundary type, and shade.

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.

Graph Quadratic Inequalities: Shade the Solution Region

Original task 2 / independent drawing and calculation

Task 2

Graph y > -x^2 + 4. Find vertex, intercepts, boundary type, and shade.

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.

Graph Quadratic Inequalities: Shade the Solution Region

Original task 3 / independent drawing and calculation

Task 3

Graph y ≥ x^2 + 2x + 1. Find vertex, intercepts, boundary type, and shade.

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.

Graph Quadratic Inequalities: Shade the Solution Region

Original task 4 / independent drawing and calculation

Task 4

Graph y < -x^2 + 6x - 5. Find vertex, intercepts, boundary type, and shade.

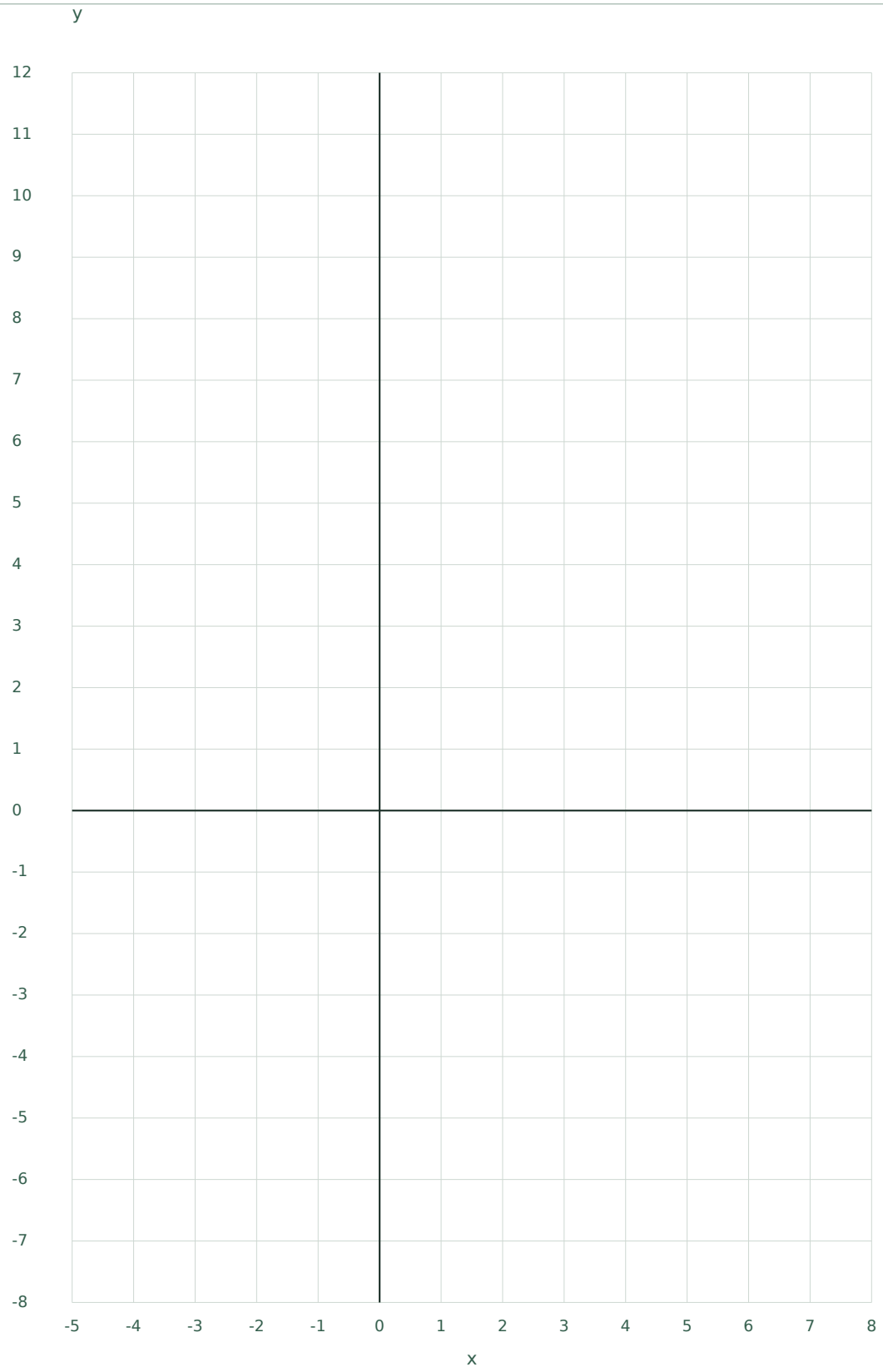
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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.

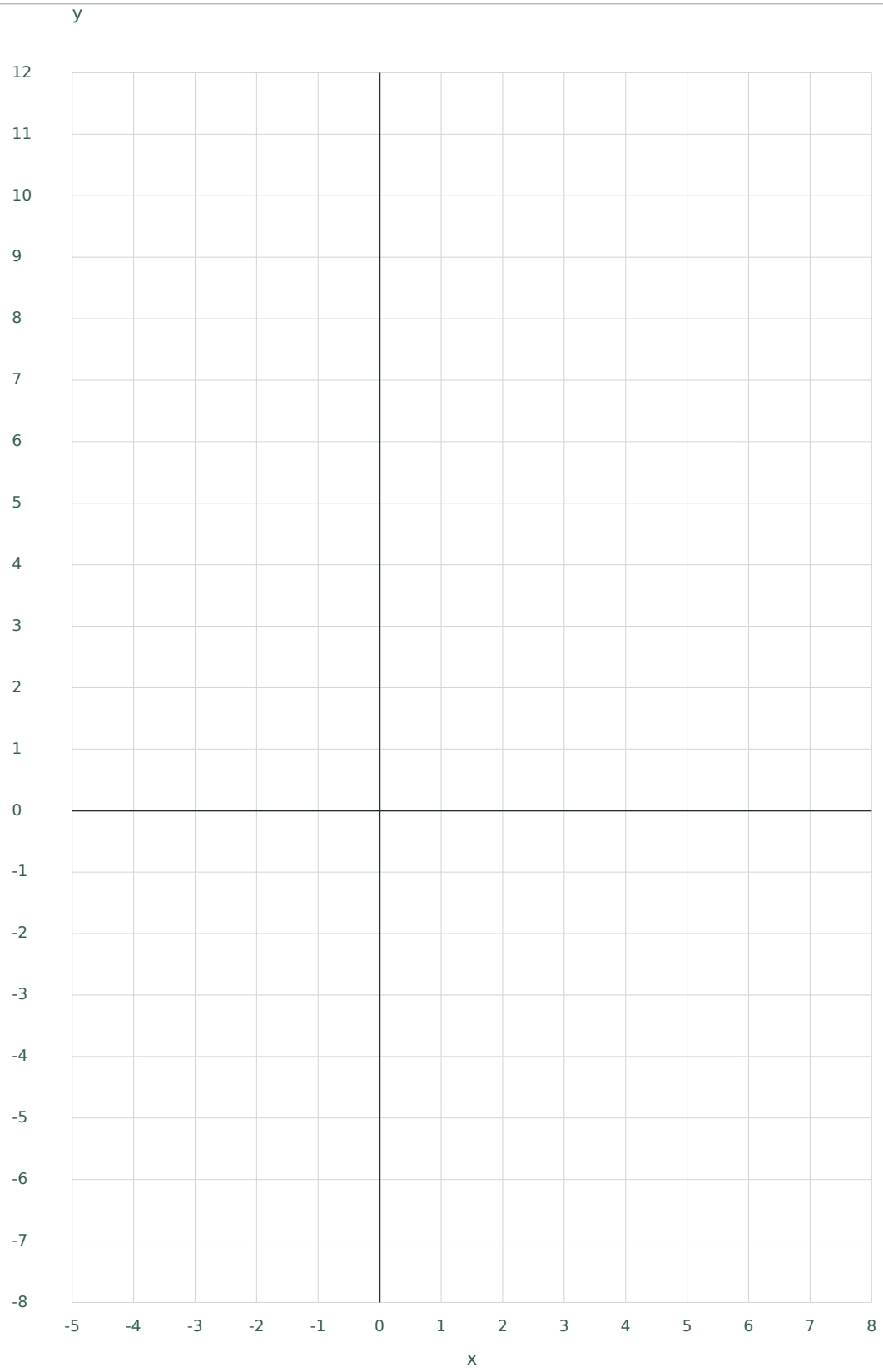
Graph Quadratic Inequalities: Shade the Solution Region

Task 1 / blank plotting grid



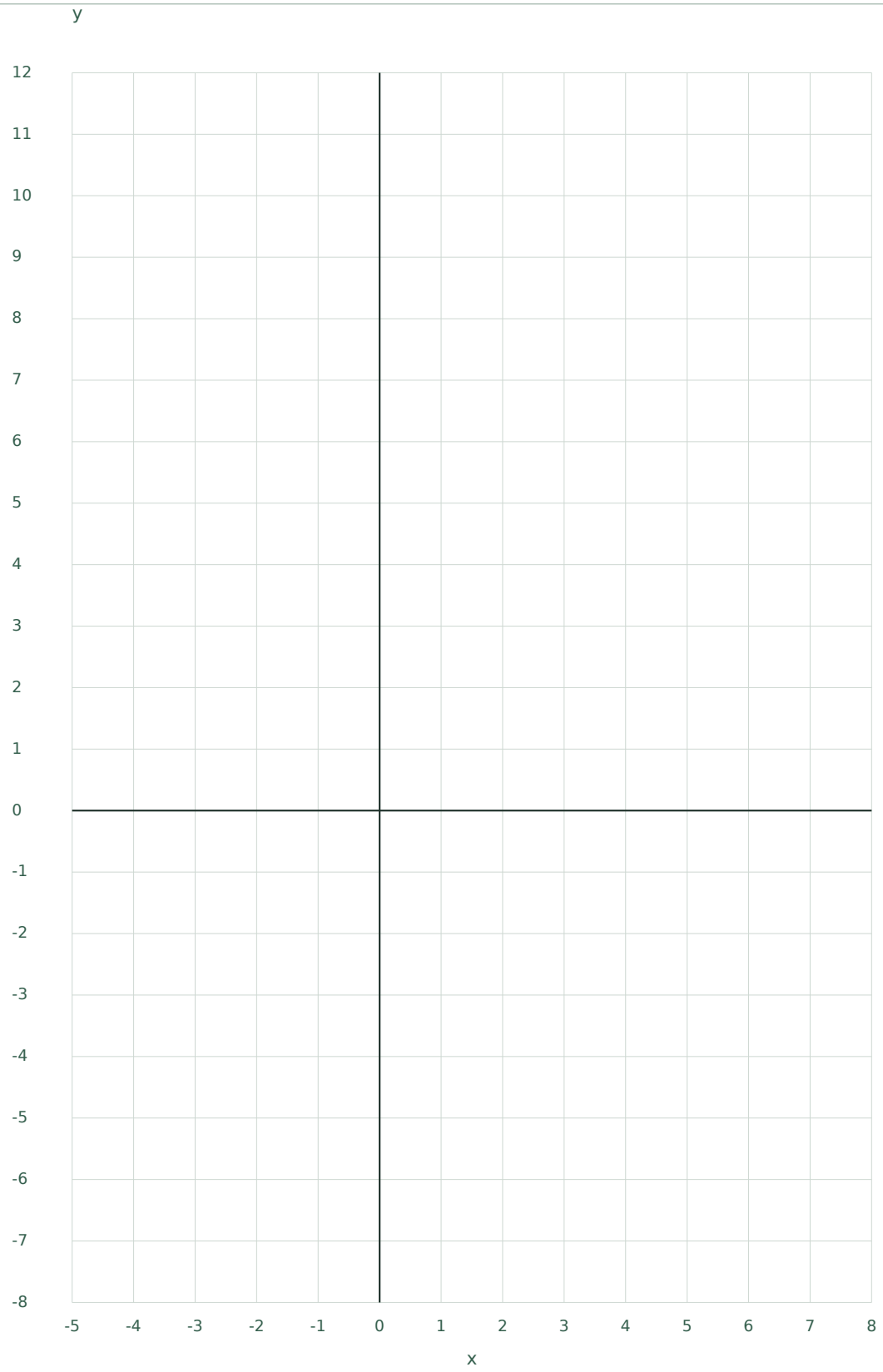
Graph Quadratic Inequalities: Shade the Solution Region

Task 2 / blank plotting grid



Graph Quadratic Inequalities: Shade the Solution Region

Task 3 / blank plotting grid



Graph Quadratic Inequalities: Shade the Solution Region

Task 4 / blank plotting grid

