# Pumpkin Graph: First-Quadrant Coordinate Plotting

Original task 1 / independent drawing and calculation

## Task 1

Plot and connect in order: (2, 1), (5, 1), (5, 4), (2, 4). Describe the shape and state whether the path is closed.

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.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

Original task 2 / independent drawing and calculation

## Task 2

A list contains (3, 2), (3, 6), (6, 6). Plot and connect in order. What are the coordinates of the missing fourth corner that would complete a rectangle, and should it be connected to close the shape?

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.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

Original task 3 / independent drawing and calculation

## Task 3

Plot these points in order: (1, 3), (2, 5), (4, 6), (6, 5), (7, 3). Connect them. Is the path symmetric about x = 4? Explain using the coordinates.

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.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

Original task 4 / independent drawing and calculation

## Task 4

Plot and connect in order: (2, 2), (2, 5), (5, 5), (5, 2), (2, 2). What shape is drawn, and how many segments are used?

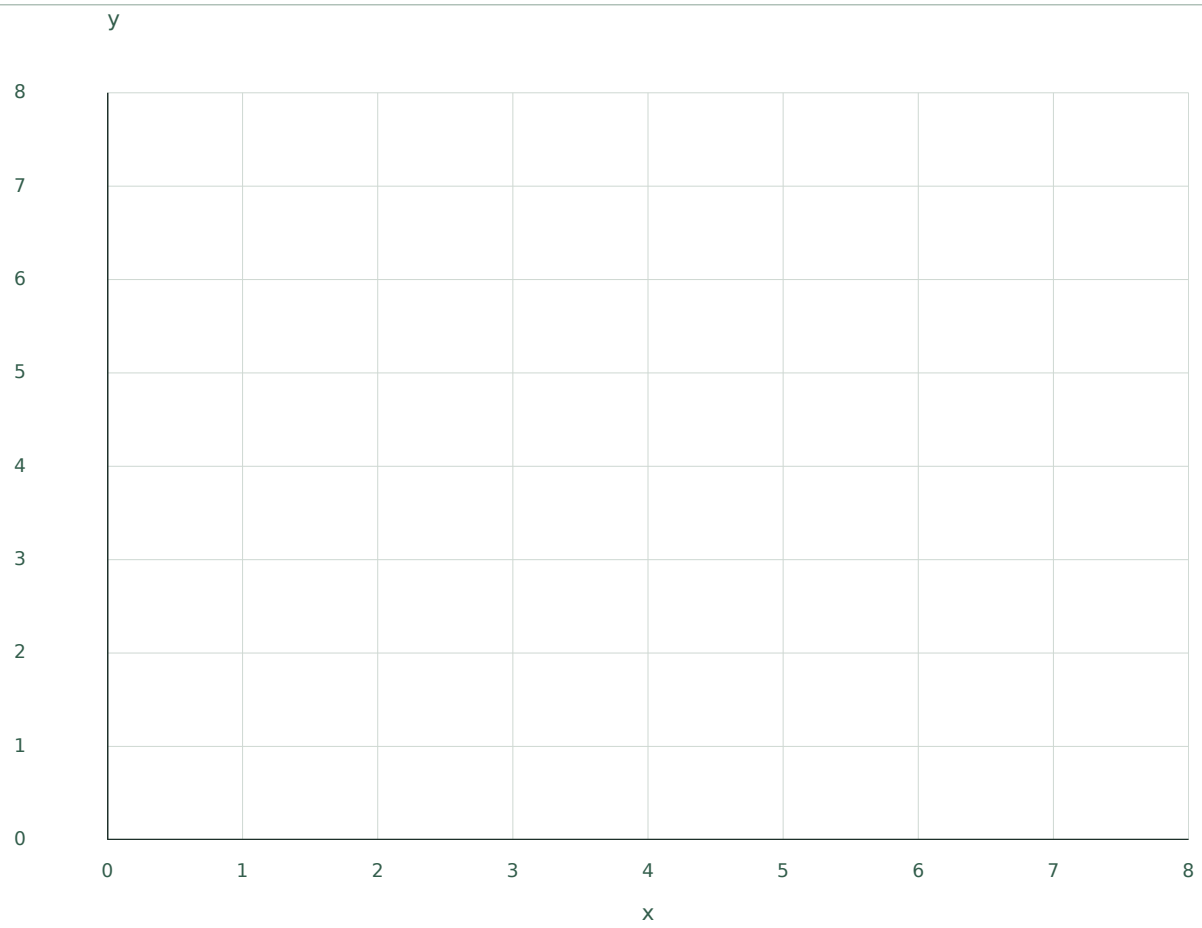
Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

## 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.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

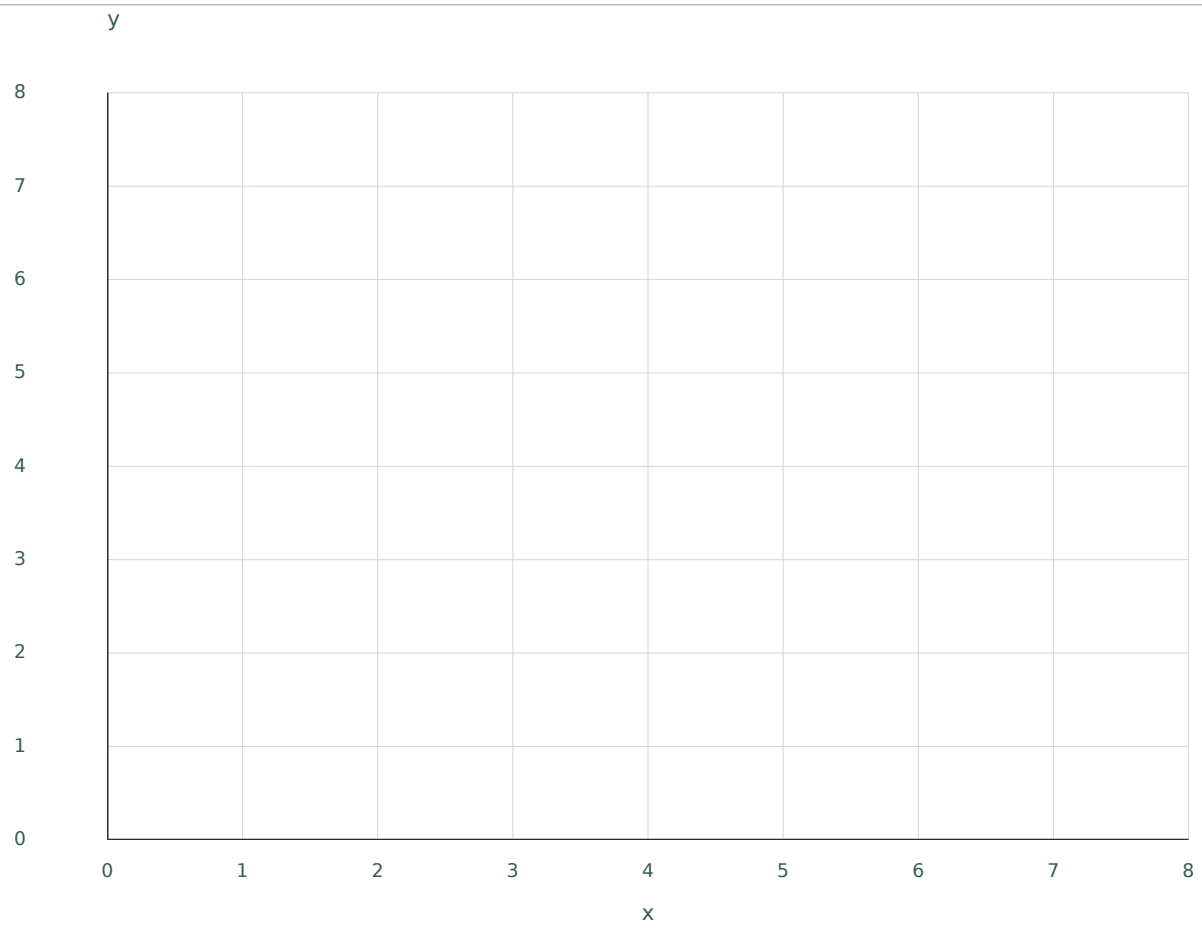
## Task 1 / given or blank workspace




Student plotting workspace. No solution has been filled in.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

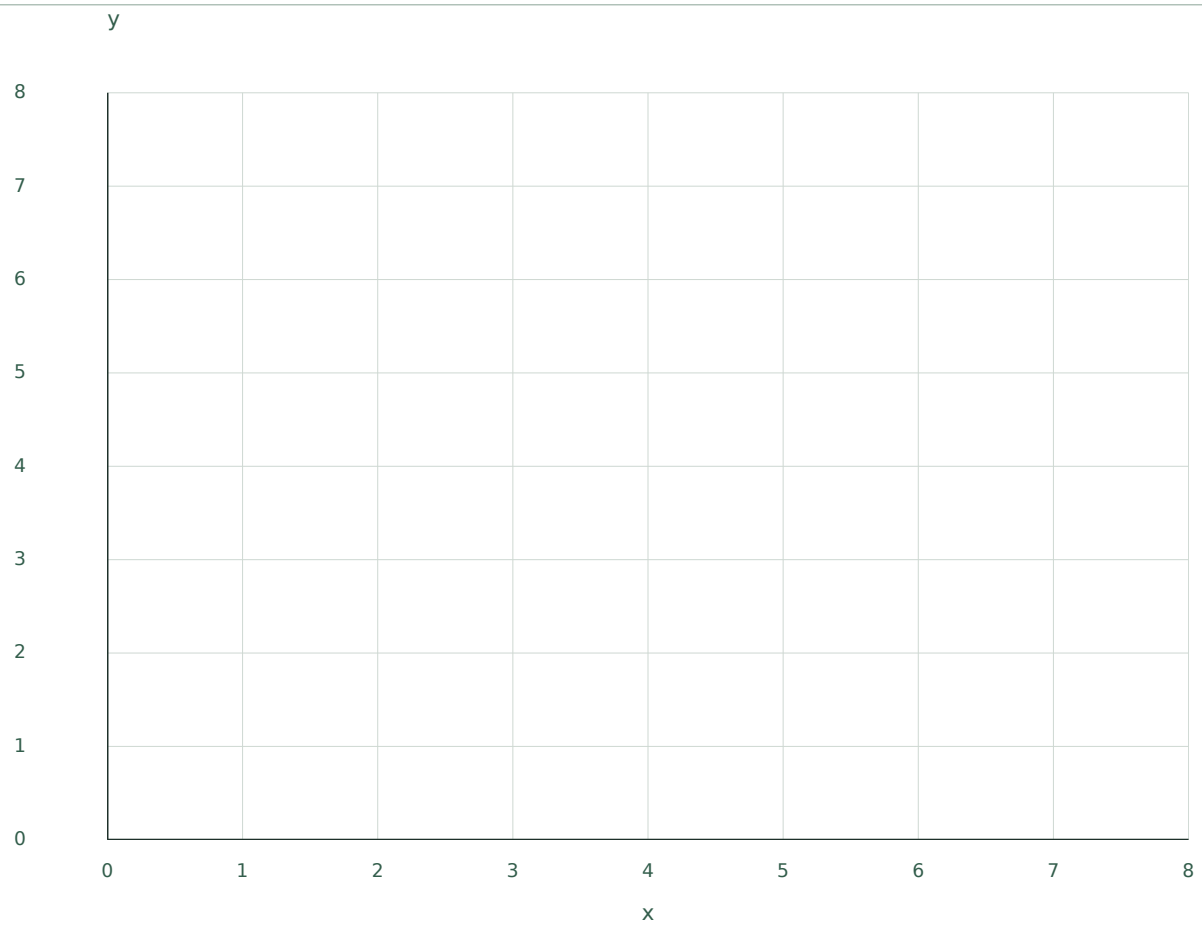
## Task 2 / given or blank workspace




Student plotting workspace. No solution has been filled in.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

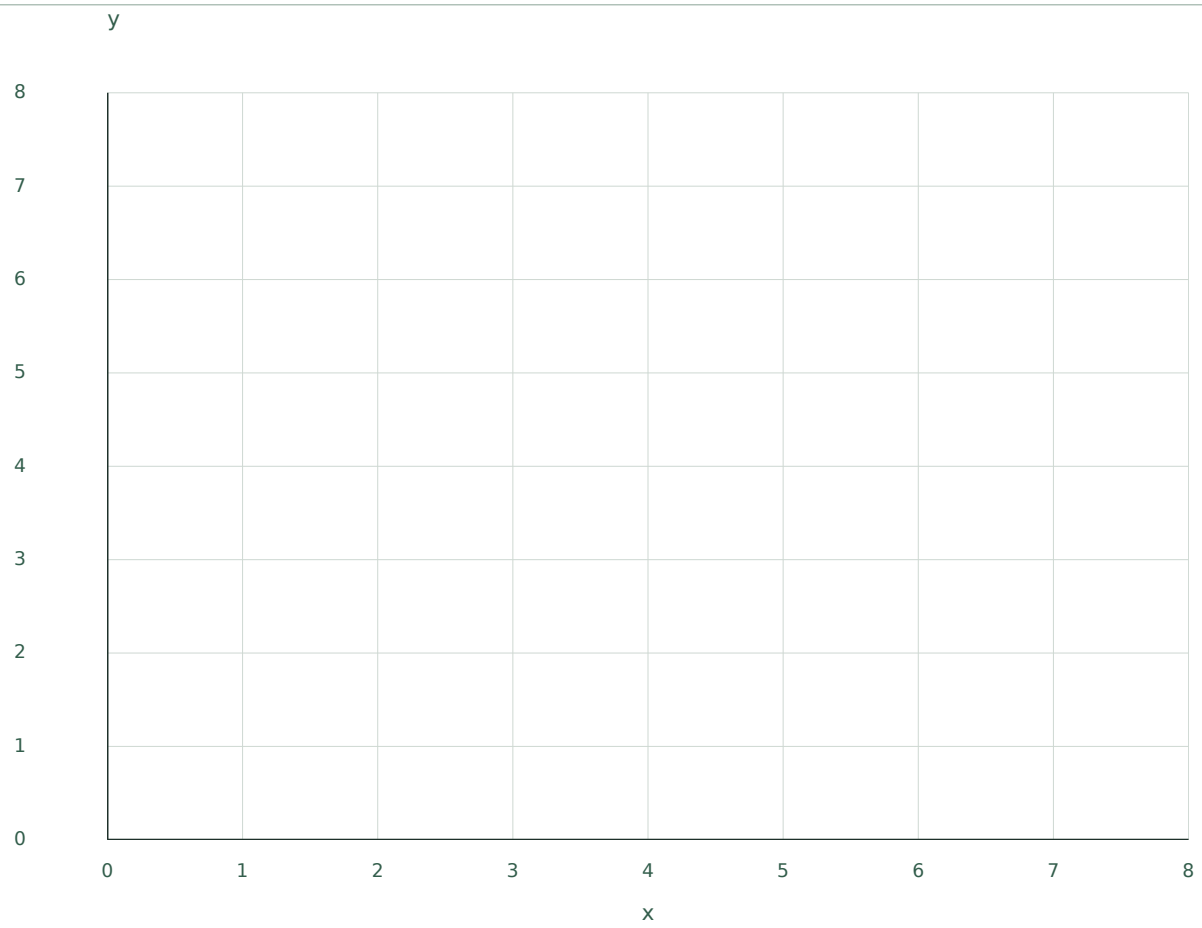
## Task 3 / given or blank workspace




Student plotting workspace. No solution has been filled in.

# Pumpkin Graph: First-Quadrant Coordinate Plotting

## Task 4 / given or blank workspace




Student plotting workspace. No solution has been filled in.