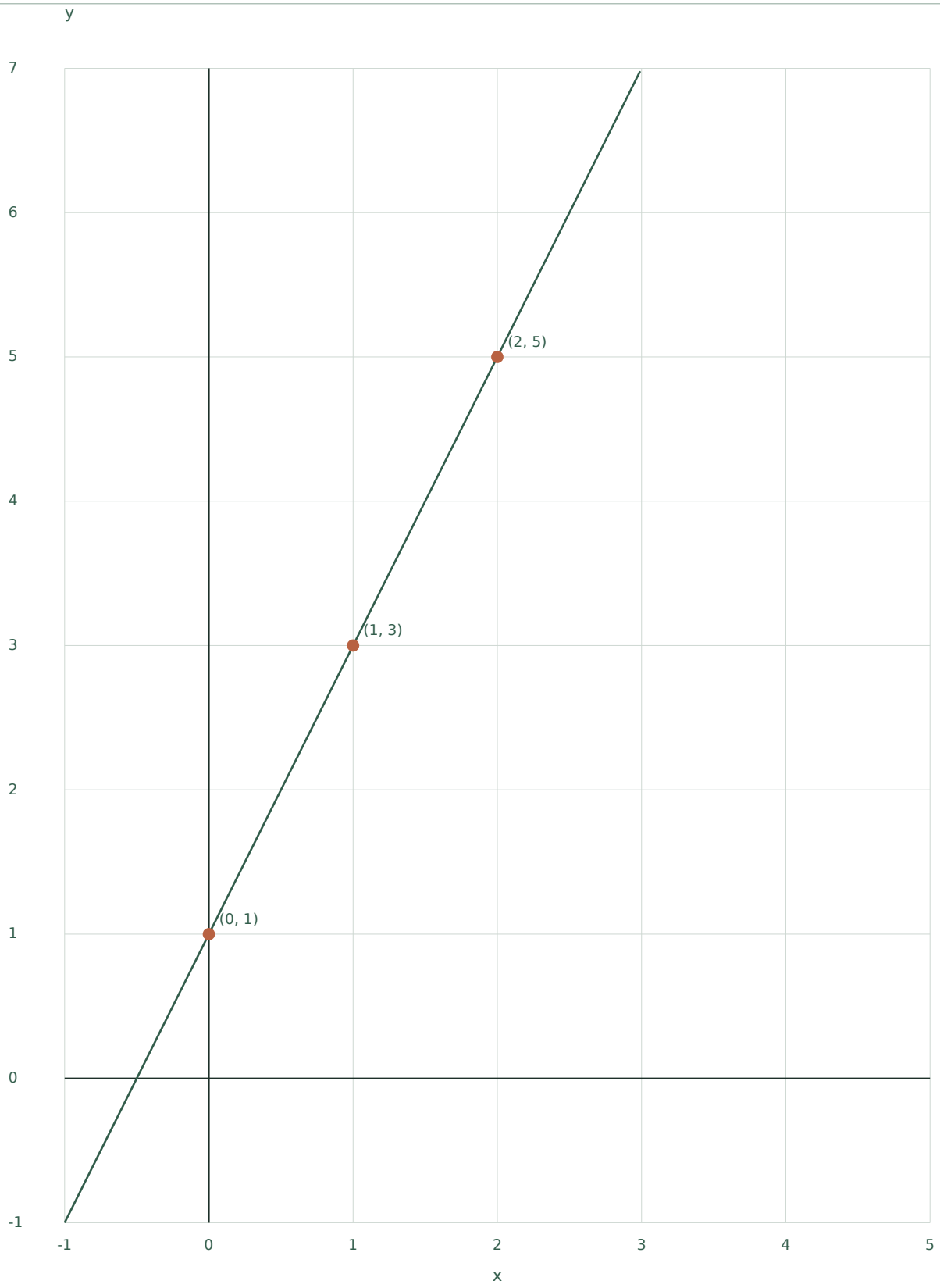
Slope Graph Maker: Build Lines from m and b

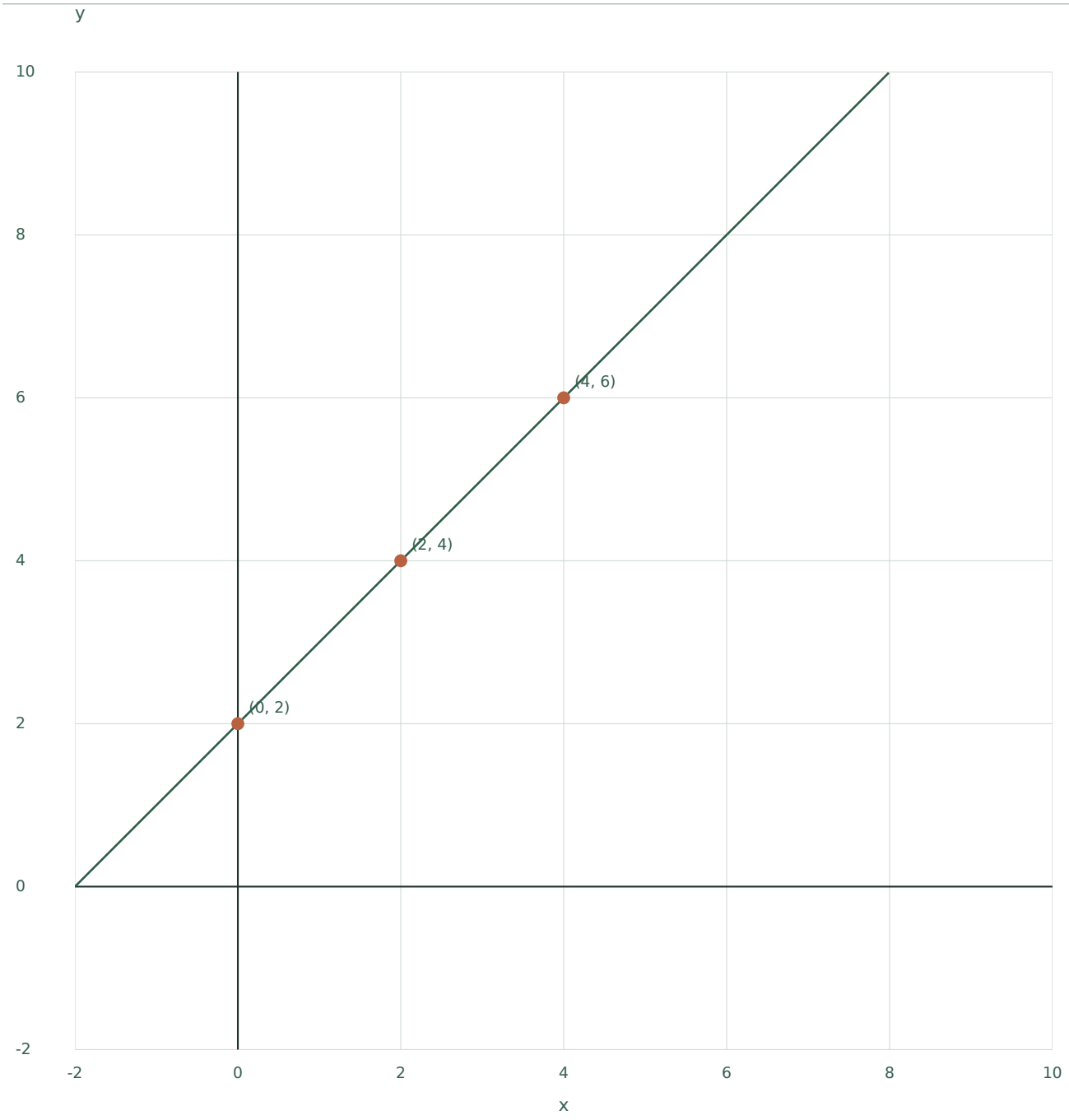
Printable coordinate grid: 1 unit per square



Worked example y = 2x + 1 on 1-unit grid.

Slope Graph Maker: Build Lines from m and b

Printable coordinate grid: 2 units per square



Exercise 4 y = 1x + 2 on 2-unit grid.

Slope Graph Maker: Build Lines from m and b

Rubric

Rubric criteria for slope plotting tasks.

Criterion
Correctly identifies m and b from the equation.
Plots the y-intercept at (0, b).
Uses rise over run consistently to locate a second point.
Draws a straight line through the plotted points.
Checks at least one extra point by substitution.
Records three observations: direction, intercept, and test point.
States the grid scale and keeps units consistent.