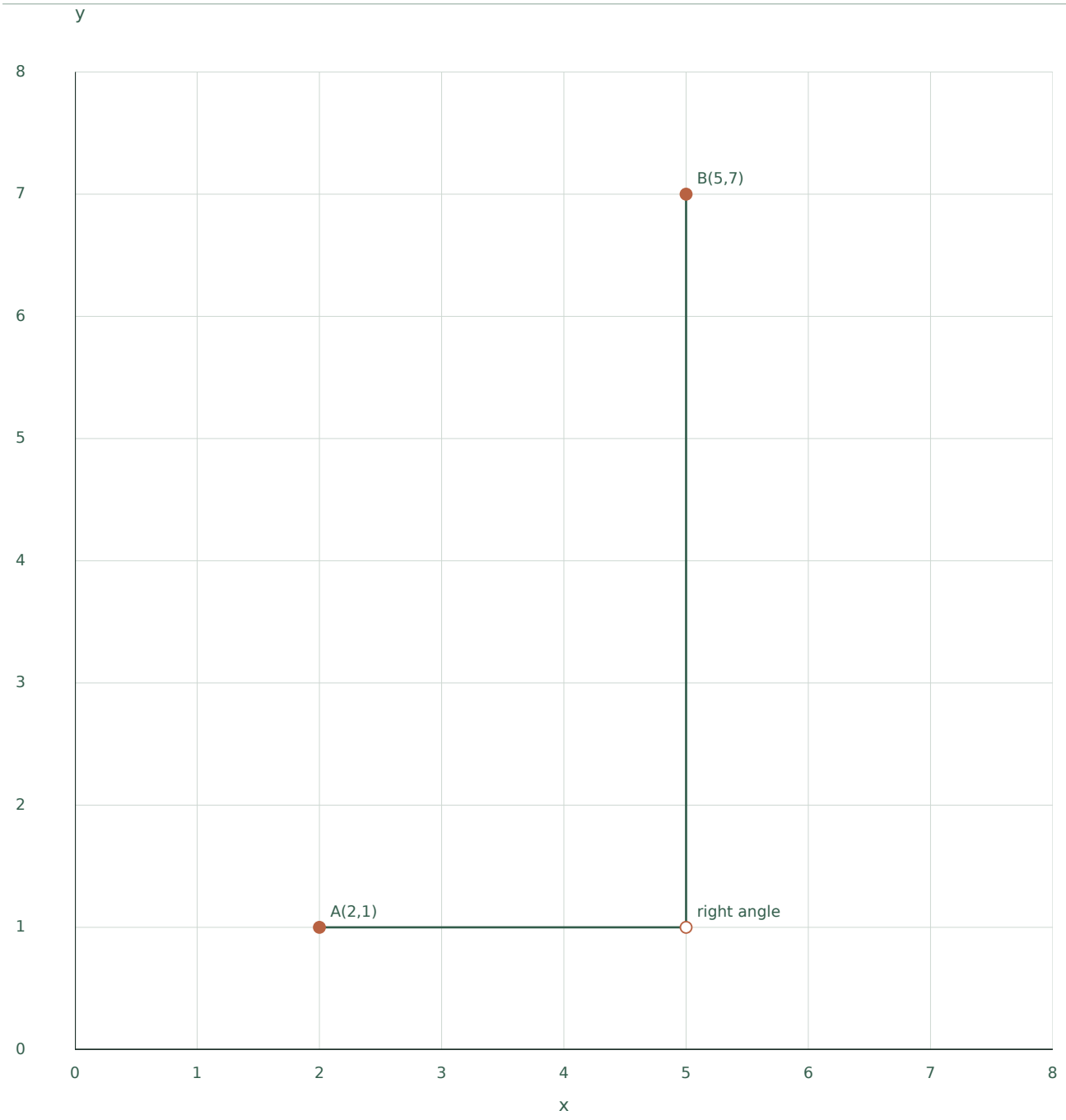
Draw Slope Triangles: Rise Over Run Worksheet

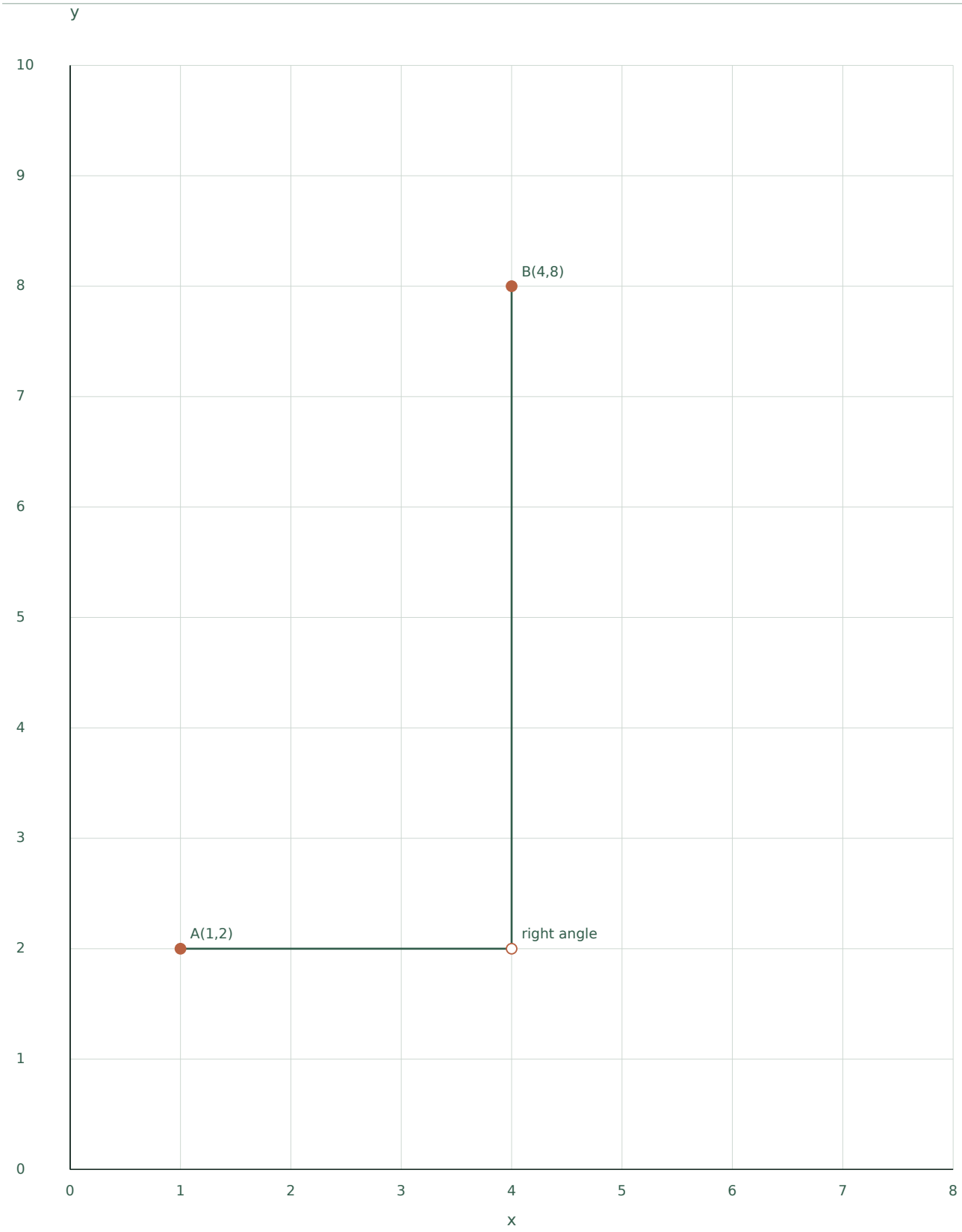
Worked Example: Slope Triangle for A(2, 1) and B(5, 7)



Slope = 6/3 = 2.

Draw Slope Triangles: Rise Over Run Worksheet

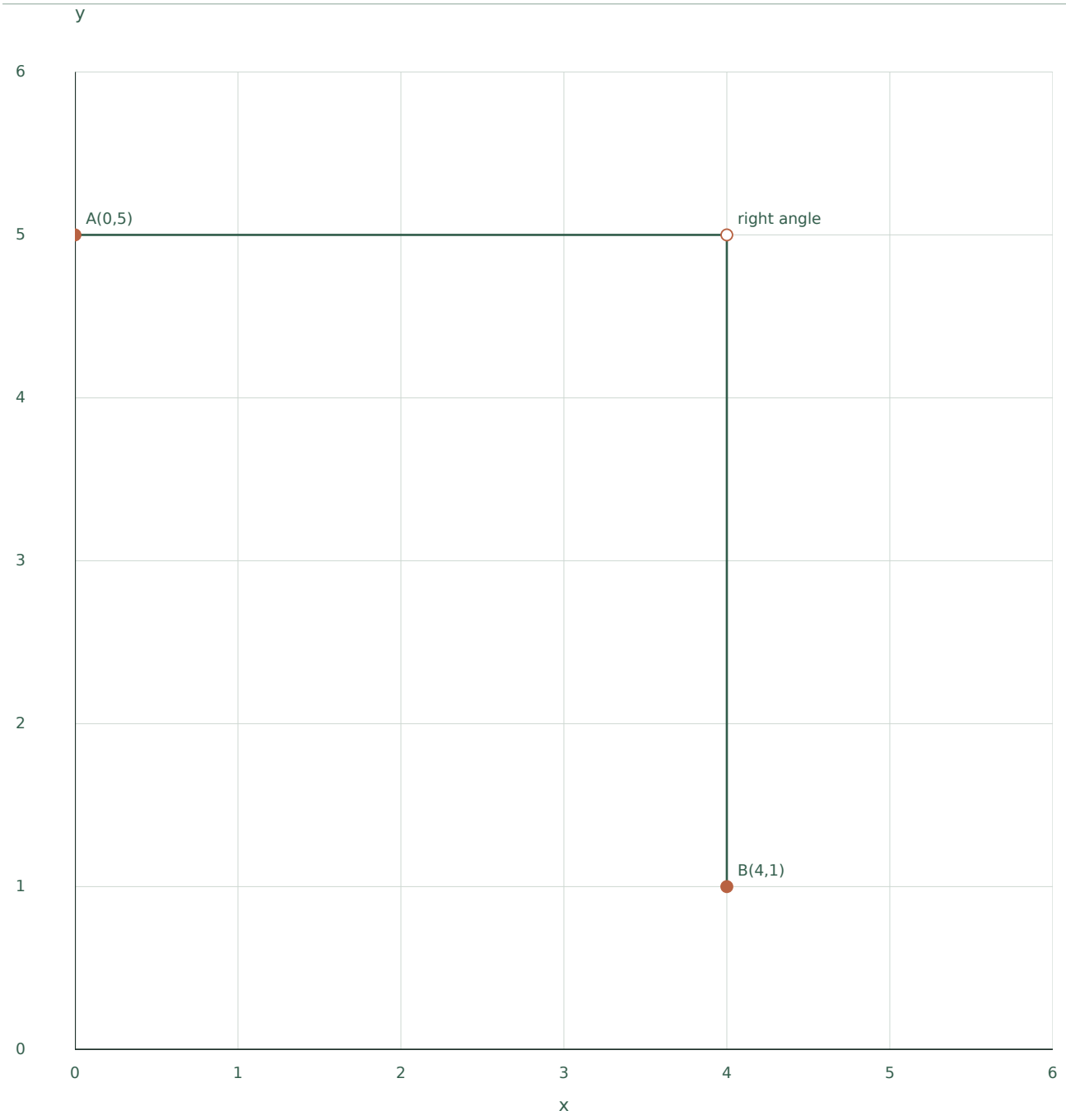
Exercise 1: A(1, 2) and B(4, 8)



Slope = 6/3 = 2.

Draw Slope Triangles: Rise Over Run Worksheet

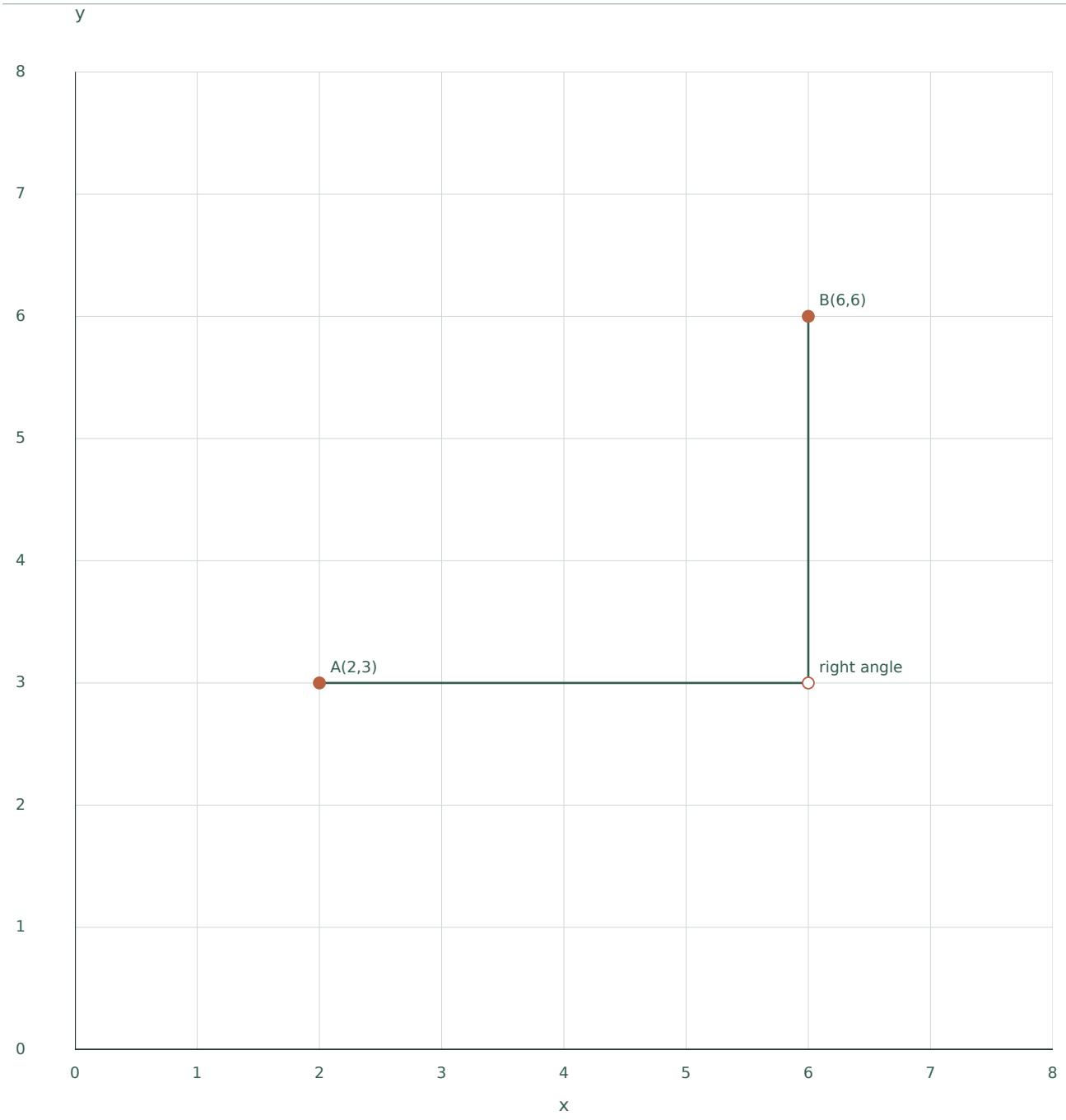
Exercise 2: A(0, 5) and B(4, 1)



Slope = -4/4 = -1.

Draw Slope Triangles: Rise Over Run Worksheet

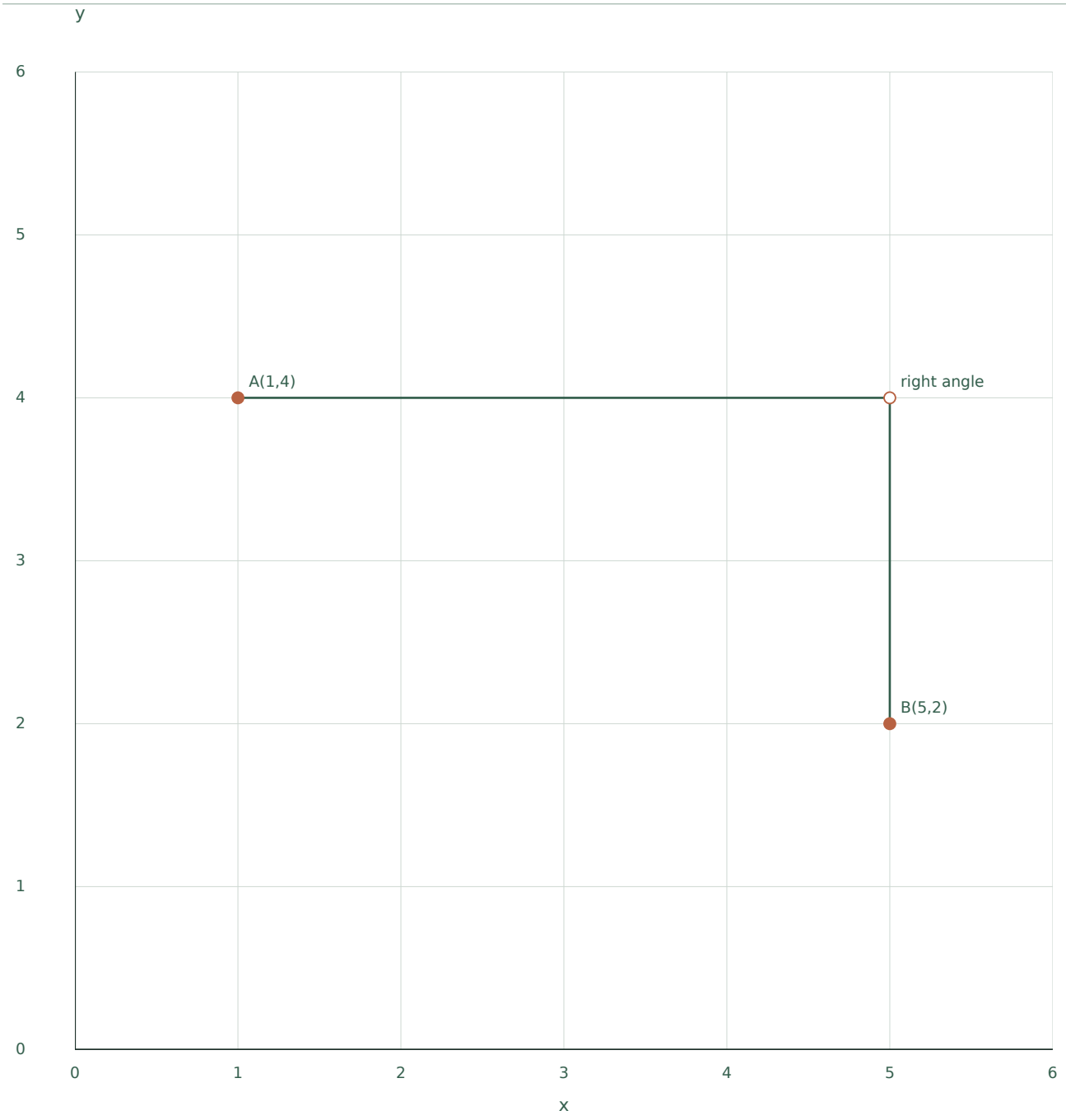
Exercise 3: A(2, 3) and B(6, 6)



Slope = 3/4.

Draw Slope Triangles: Rise Over Run Worksheet

Exercise 4: A(1, 4) and B(5, 2)



Slope = -2/4 = -1/2.

Draw Slope Triangles: Rise Over Run Worksheet

Separate Answer Key

Answer key with correct triangles, labeled rise/run, simplified slopes, and check notes.

Task 1: Rise = 6, run = 3, slope = 2. Check: from A(1,2) to (7,14), rise = 12, run = 6, slope = 12/6 = 2.

Task 2: Rise = -4, run = 4, slope = -1. Check: from (0,5) to (2,3), rise = -2, run = 2, slope = -2/2 = -1.

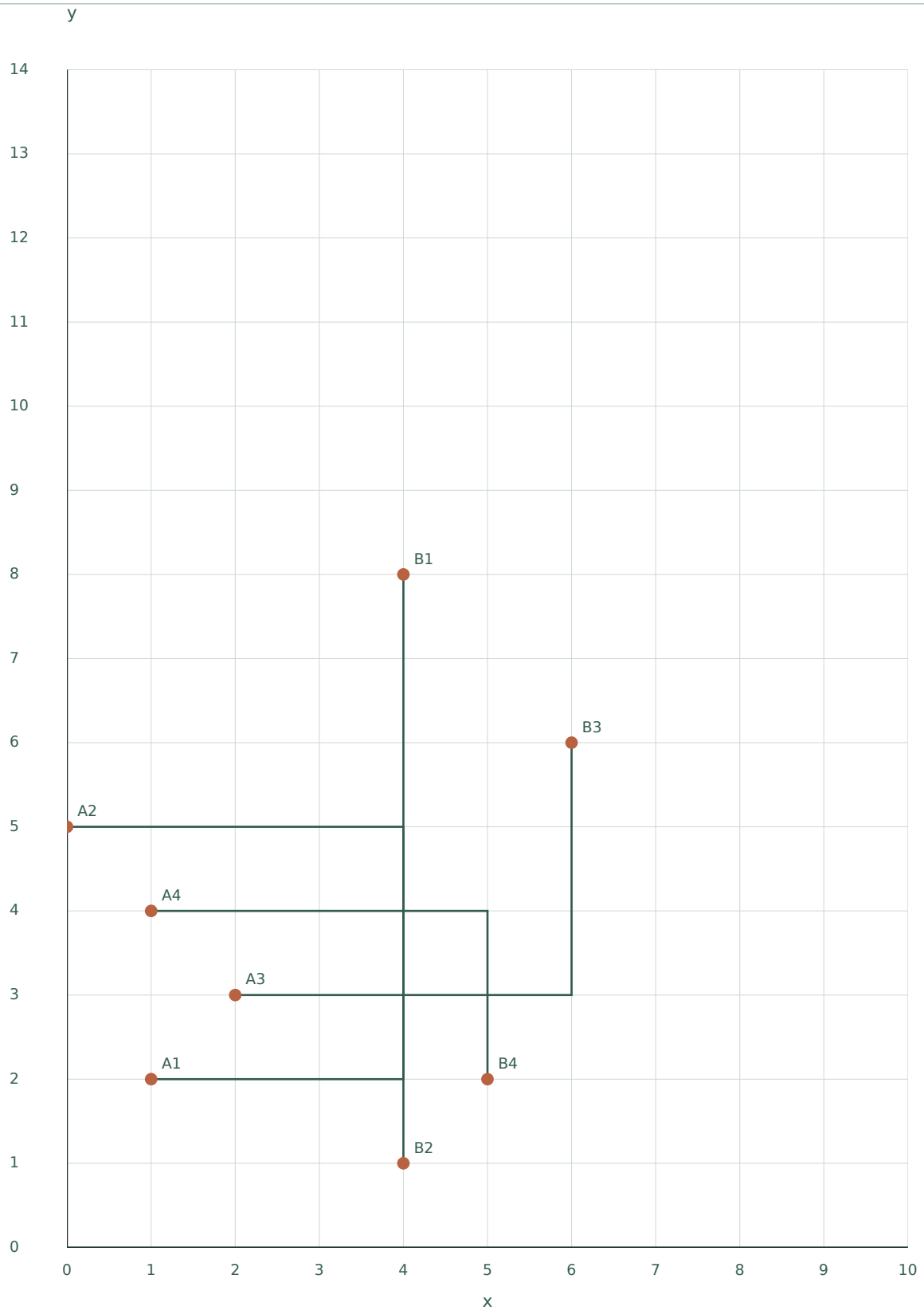
Task 3: Rise = 3, run = 4, slope = 3/4. Check: from (2,3) to (10,9), rise = 6, run = 8, slope = 6/8 = 3/4.

Task 4: Rise = -2, run = 4, slope = -1/2. Check: from (1,4) to (9,0), rise = -4, run = 8, slope = -4/8 = -1/2.

Rubric: (1) points identified and labeled; (2) convention followed: vertical leg first, horizontal leg second, right angle marked; (3) rise and run labeled on correct legs with correct counts; (4) slope written as rise/run and simplified; (5) sign matches line direction; (6) labels legible; alternative handwriting and label placement accepted.

Draw Slope Triangles: Rise Over Run Worksheet

Answer Key Diagrams



All four triangles drawn with vertical leg first, horizontal leg second, right angle marked.