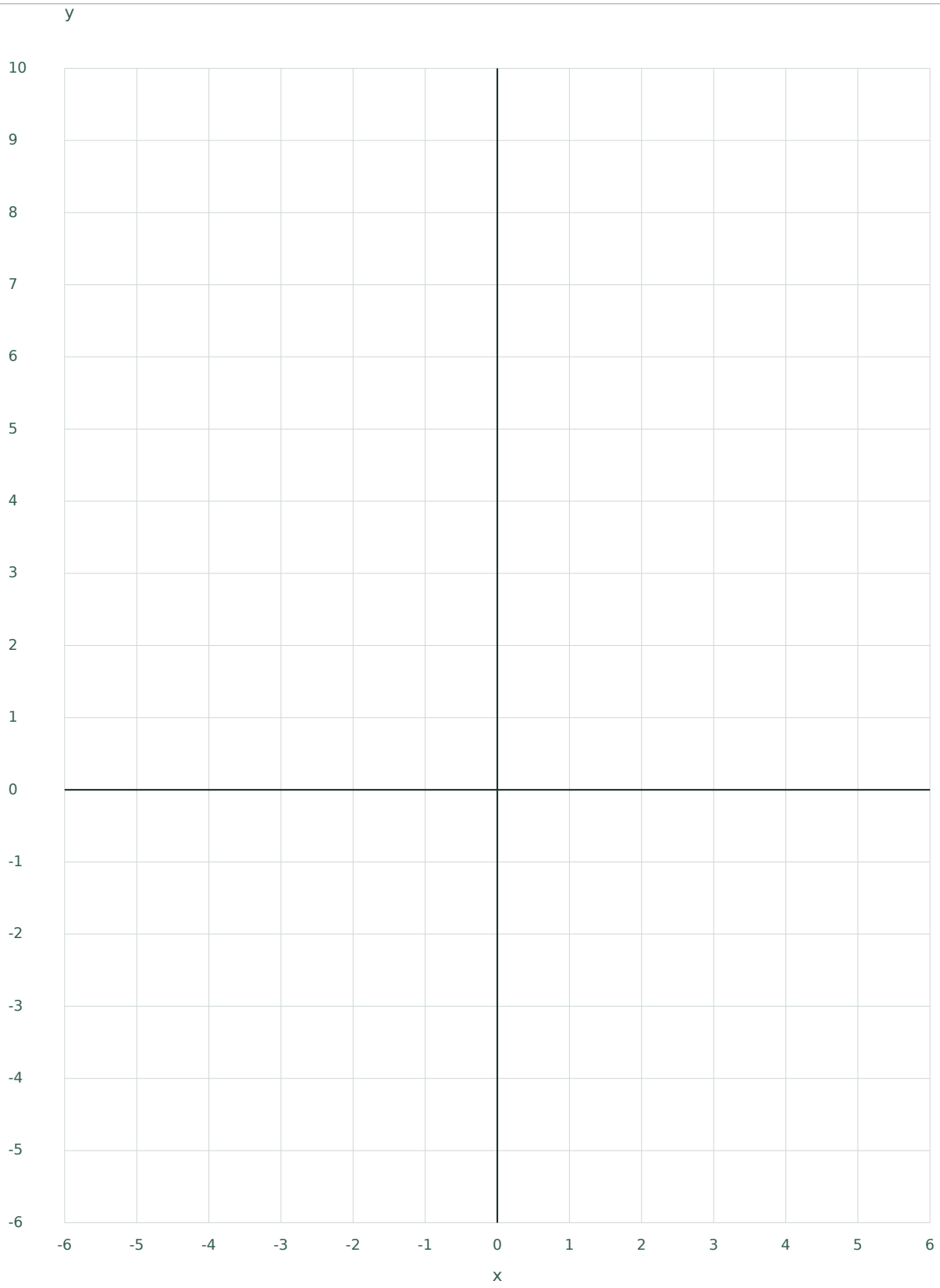
Plot Two Points, Draw the Line, and Compute Slope

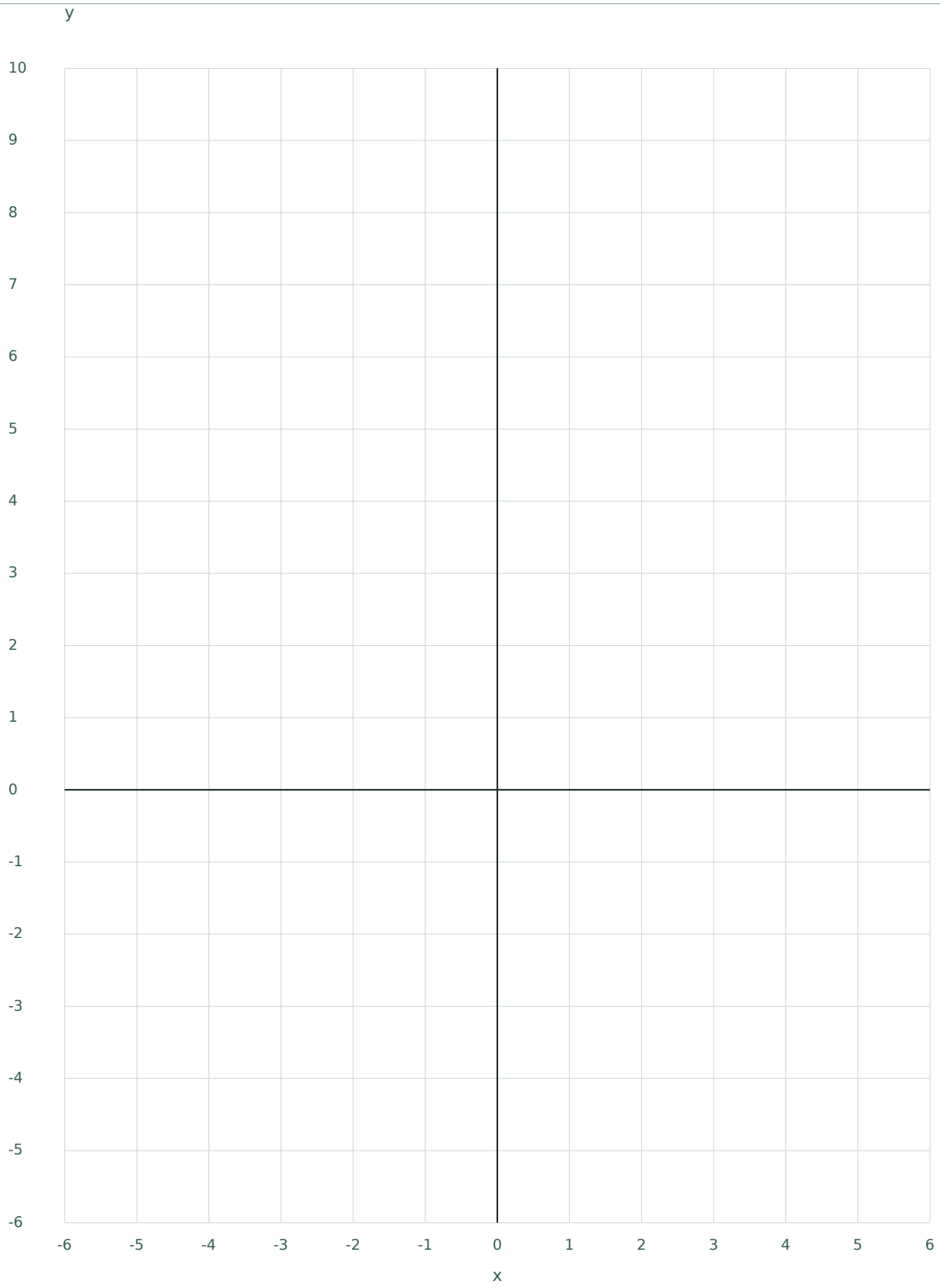
Printable Plate: Blank Coordinate Grids with Ordered Pairs (Tasks 1-4)



Task 1: (2,3),(5,9). Task 2: (-1,4),(3,-4). Task 3: (0,1),(4,1). Task 4: (3,-2),(3,5). Plot, draw line, mark rise/run, compute slope.

Plot Two Points, Draw the Line, and Compute Slope

Printable Plate (continued): Blank Grids for Tasks 3-4



Task 3: (0,1),(4,1). Task 4: (3,-2),(3,5).

Plot Two Points, Draw the Line, and Compute Slope

Rubric

Rubric key for grading the four tasks.

1. Both points are plotted at the correct coordinates and labeled.

2. A straight line passes through both points and is drawn with a straightedge.

3. Rise and run are marked and labeled with correct direction or signed values.

4. Slope is computed as rise divided by run and simplified correctly.

5. The sign of the slope matches the direction of the drawn line.

6. Conventions are consistent: the same point order is used in both numerator and denominator, and one uniform grid scale is used per graph.