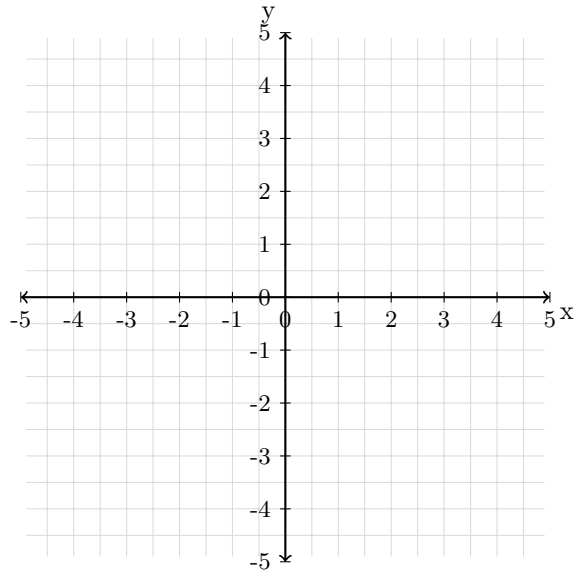


Coordinate Plane Worksheet

Instructions:

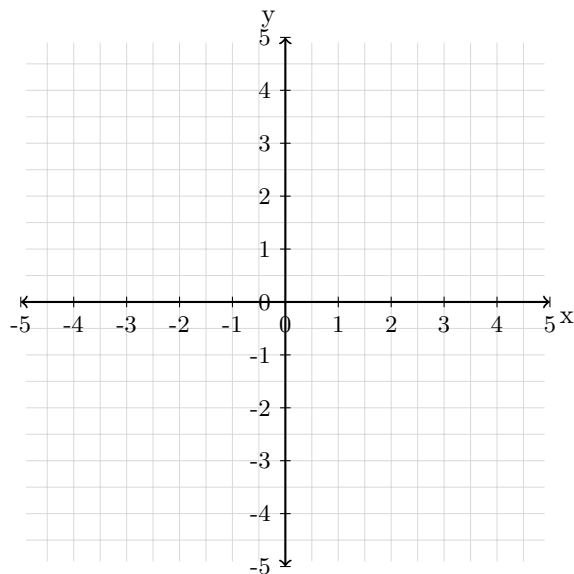
For each problem below, plot the given points or movements on the coordinate plane. Then write the final coordinate(s) in the answer box. Each grid line represents 0.5 units.

1. Plot the point $(3, -3)$ on the coordinate plane below.



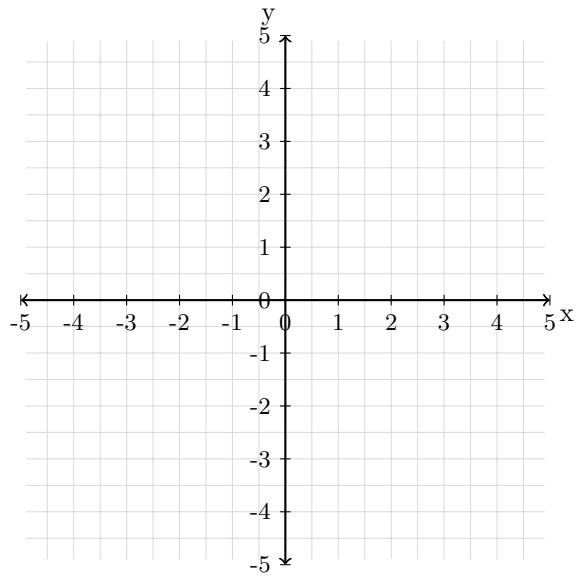
Final coordinate: _____

2. Plot the points $(2.5, 0.5)$ and $(-1, -2.5)$ on the coordinate plane below.



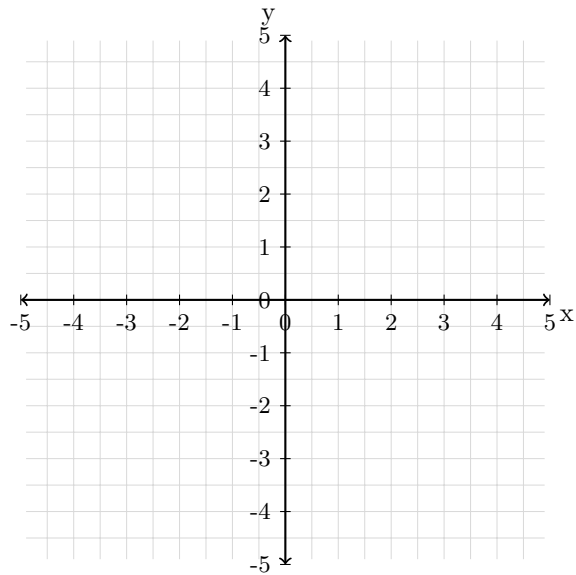
Coordinates: _____

3. Start at $(0, 0)$. Move right 3 units, then down 2.5 units. Plot your final position.



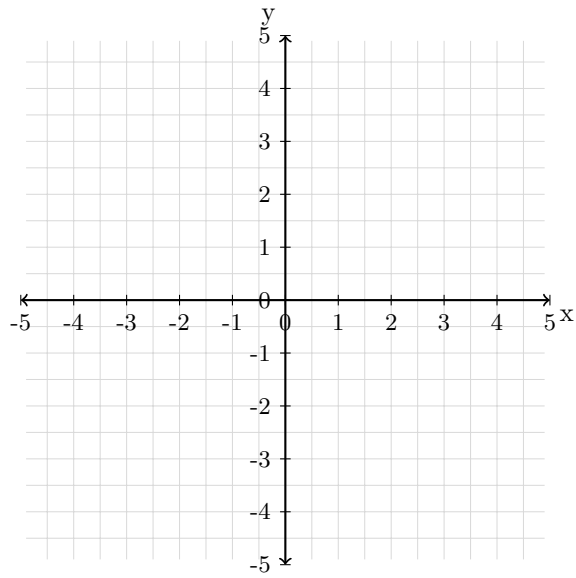
Final coordinate: _____

4. Start at $(-2, 1)$. Move left 1.5 units, then up 2 units. Plot your final position.



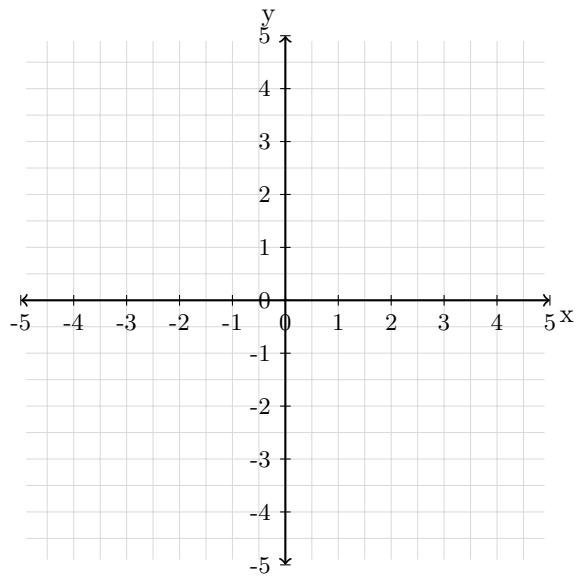
Final coordinate: _____

5. A character starts at $(0,0)$ facing 0° (to the right). They turn to face 90° (up) and move 2 units forward. Then they turn to face 180° (left) and move 1.5 units forward. Plot their initial and final position. Show the direction they move with an arrow.



Final coordinate: _____

6. A character starts at (1,1) facing -90° (down). They move down 2 units, then turn 90° counter-clockwise (now facing right) and move 3 units. Plot their initial and final position. Show the direction they move with an arrow.



Final coordinate: _____