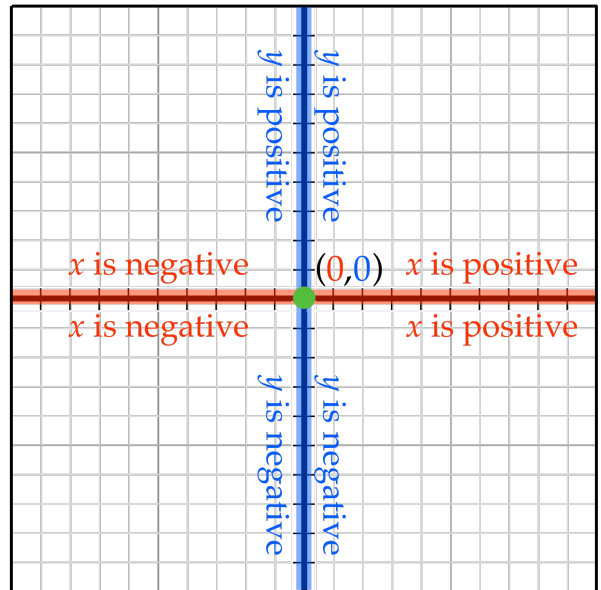


Coordinate Plane Overview

Name _____

Date _____ Period _____

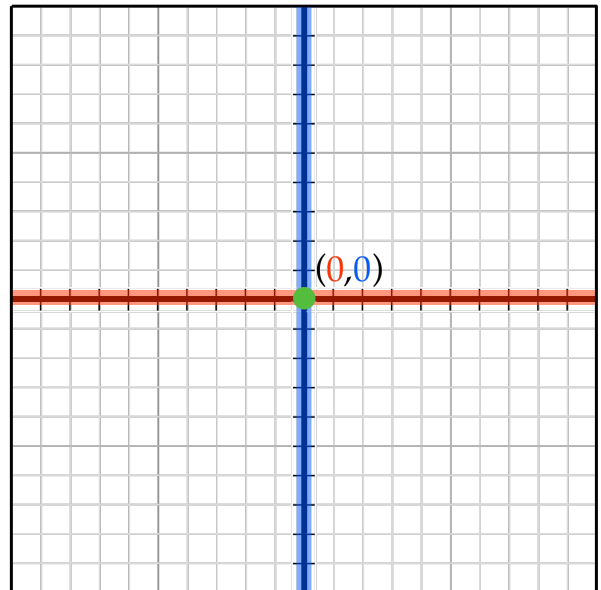
Coordinate Plane

 x -axis: horizontal number line y -axis: vertical number lineorigin: intersection of x -axis and y -axis
point $(0,0)$ 

Coordinate Plane

 x -axis: horizontal number line y -axis: vertical number lineorigin: intersection of x -axis and y -axis
point $(0,0)$

Coordinate Point

distance traveled in x direction (x, y) distance traveled in y direction

travel 2 in positive x direction

$(2,5)$

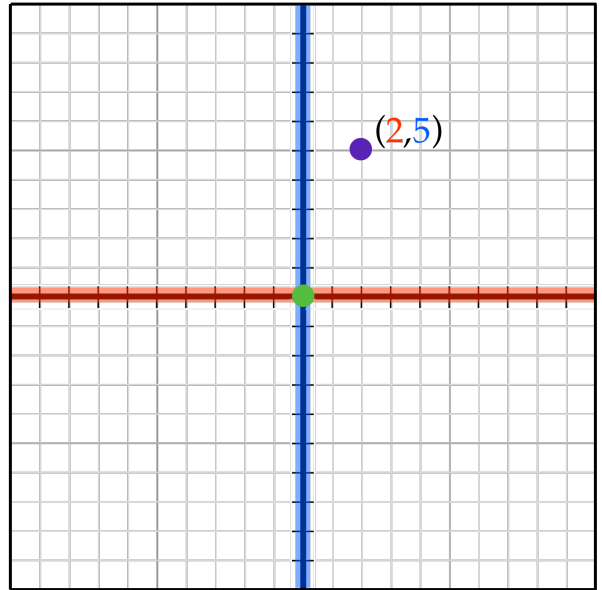
travel 5 in positive y direction

Coordinate Point

distance traveled in x direction

(x,y)

distance traveled in y direction



travel 3 in negative x direction

$(-3,-4)$

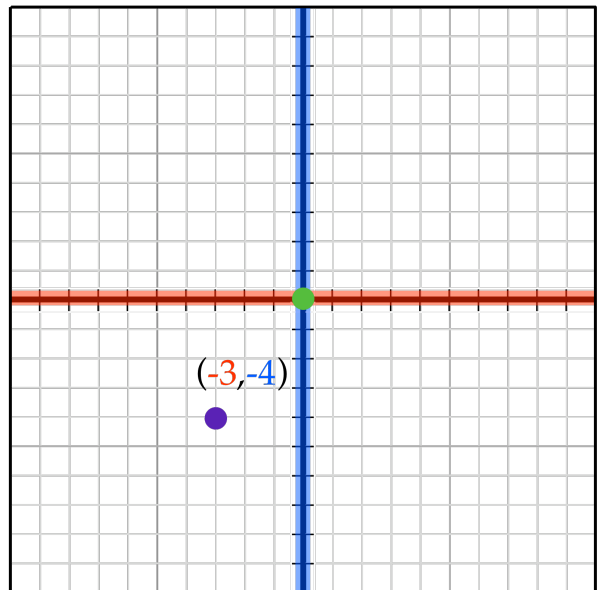
travel 4 in negative y direction

Coordinate Point

distance traveled in x direction

(x,y)

distance traveled in y direction



Coordinate Plane

x -axis: horizontal number line

y -axis: vertical number line

origin: intersection of x -axis and y -axis
point $(0,0)$

Quadrants

Quadrant 1: x is positive, y is positive

Quadrant 2: x is negative, y is positive

Quadrant 3: x is negative, y is negative

Quadrant 4: x is positive, y is negative

