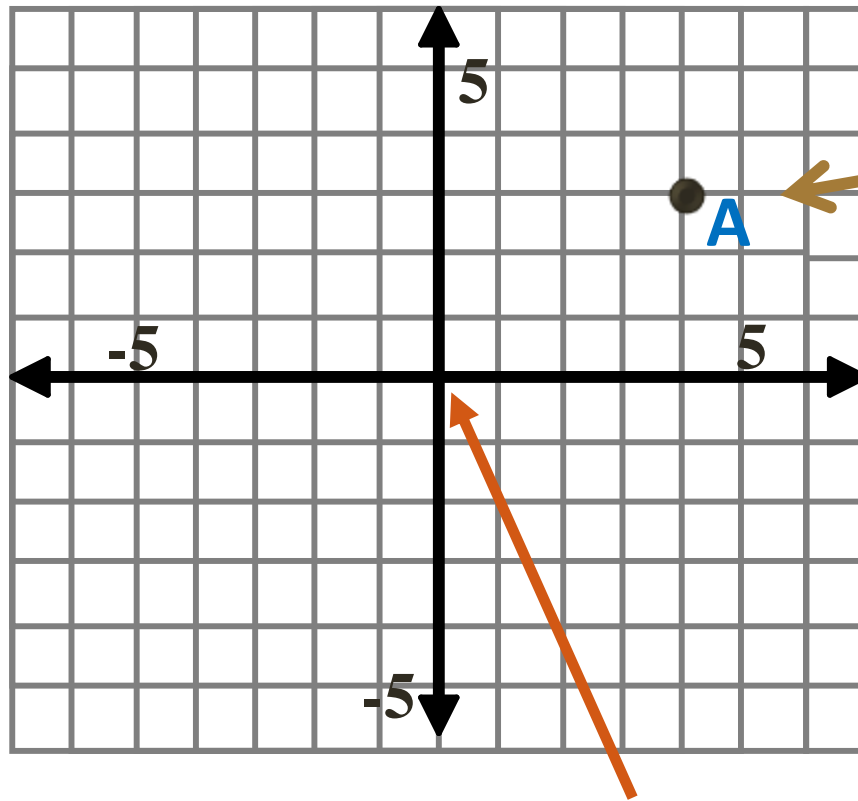# Coordinate Grid

Introduction to graphing

Vocabulary

- **Ordered Pair** – Gives a specific location on a coordinate plane. Consists of an X and Y coordinate. Example A (3, 5)

- **Origin** – (0, 0) It is where the X and Y axis cross.

- **X axis** – the horizontal line on the coordinate grid

- **Y axis** – the vertical line on the coordinate grid

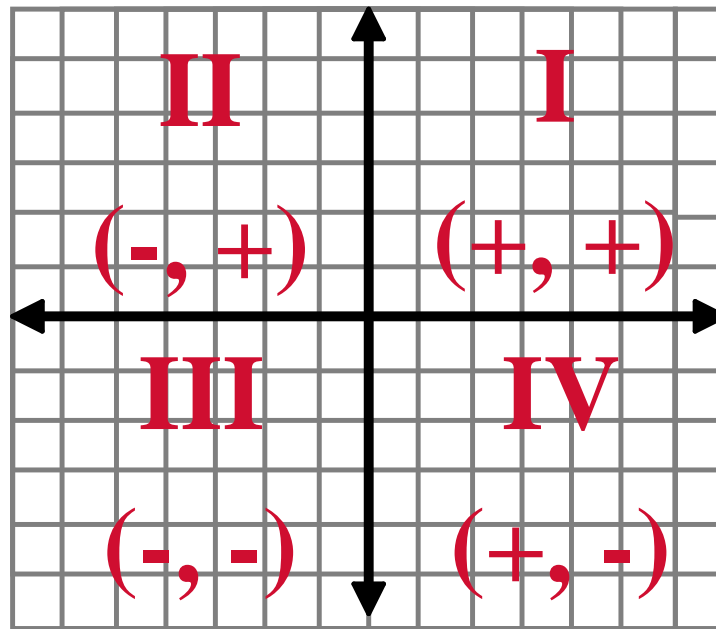# Coordinate Plane

y-axis (vertical axis)

Ordered Pair
A (4, 3)

5

-5   5
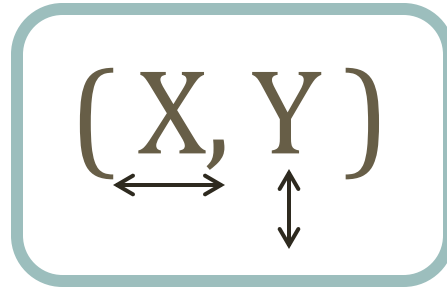
x-axis

-5

(horizontal axis)

origin (0,0)

The x-axis and y-axis separate the coordinate plane into four regions, called **quadrants**.
We will focus mostly on the 1st Quadrant this year.

X and Y   (X, Y)
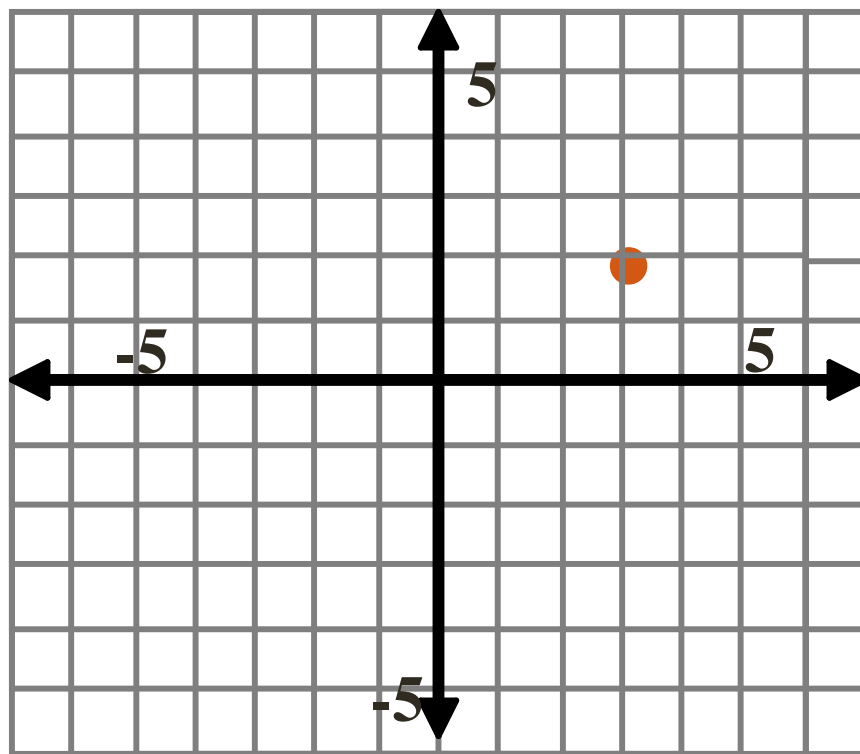
- X is the horizontal axis. It tells you to either move left or right.

- Y is the vertical axis. It tells you to move up or down.

- You must go in the building before going upstairs!

Graph. (3, 2)

What is the ordered pair for A?

1. **(3, 1)**
2. **(1, 3)**
3. **(-3, 1)**
4. **(3, -1)**