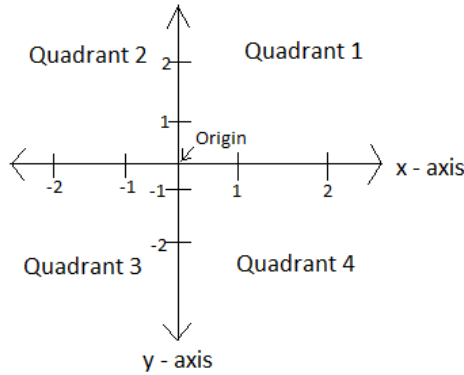


Lesson 7-1 : Points in the coordinate plane

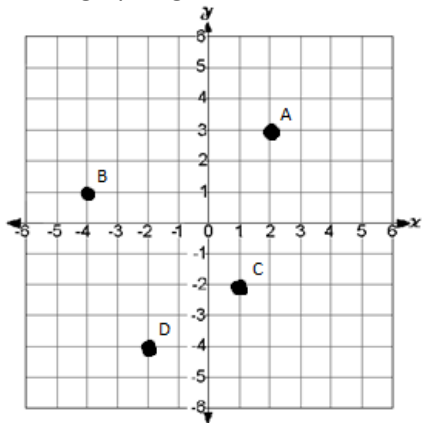
SWBAT: Name and graph points on a coordinate plane

**Vocab Words:**

- Coordinate plane – \_\_\_\_\_
- Quadrants – \_\_\_\_\_
- Origin – \_\_\_\_\_
- Ordered pair – \_\_\_\_\_
  - Written as  $(x, y)$  or  $(0,0)$  – this is the location of the origin!
- X-axis – \_\_\_\_\_
- Y-axis – \_\_\_\_\_



When graphing, the x-coordinate is always first



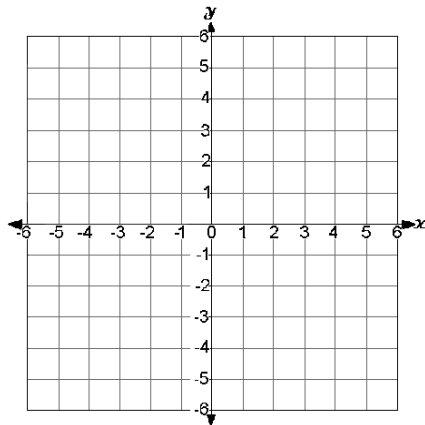
Find the locations of each point:

A =  $(2, 3)$  remember the x point is first!

B =  $( \quad , \quad )$

C =  $( \quad , \quad )$

D =  $( \quad , \quad )$



Graph the following points:

A =  $(2, -3)$

E =  $(2.8, 4.25)$

B =  $(4, 2)$

F =  $(-3, 2\frac{3}{4})$

C =  $(-3, 1)$

G =  $(-4, -4)$

D =  $(-2, -3)$

H =  $(-3.5, 2)$