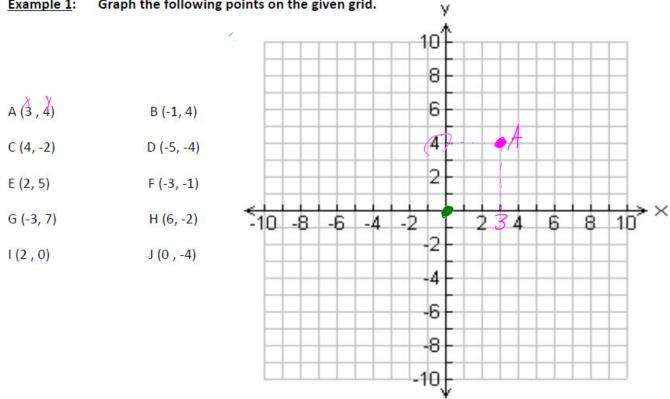
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Math 9 – Unit 7: Coordinate Geometry	Name:
Lesson #1: The Coordinate Plane	Date: Feb 21, 2020
Learning Goal: We are learning how to use the coordinate grid system.	·
In this chapter and the next, we will learn a lot of new vocabulary. You rwords, so let's first define them, then draw/label them!	need to become intimate with these
Coordinate Plane - it is a grid rade up of two number lines which cross at Heir zeros Quadrants - the four corners of the coordinate plane.	Q2 13 Q1 Q3 3 Q4
x-axis the horizontal # line	
y-axis the vertical # line	
x-coordinate - the value/location on the X-axis - this is just a number	
y-coordinate - the value location on the y-axis	
Ordered Pair - 2 things in order. He x and x coordinate are pair	red together written

Ordered Pair - 2 things in order.

- the x and y coordinate are paired together, written as (x,y), ex: (x,y) ex: (x,y) origin

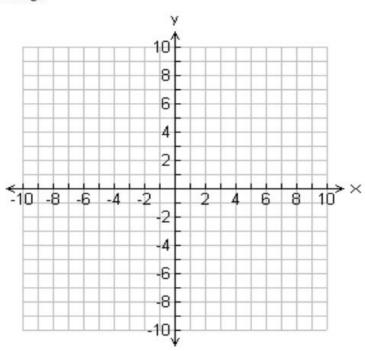




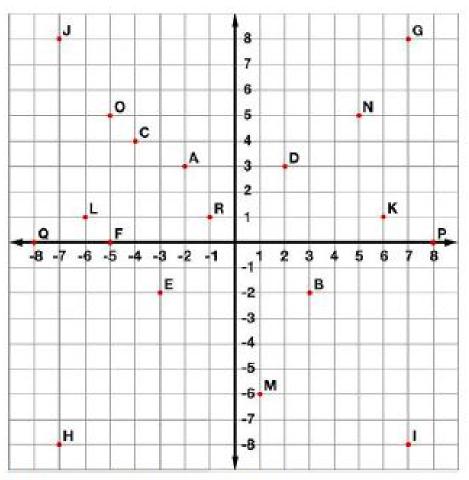
Example 2: Calculate the area of a triangle with vertices at A(-5,-3), B(3,-3), and C(3,8)

Step 1: Plot the points and connect the points to form a triangle

Step 2: Find the length of the base and height



Step 3: Calculate the area



Tell what point is located at each ordered pair.

Write the ordered pair for each given point.

Plot the following points on the coordinate grid.

Success Criteria:

- I can define the important key terms that are used in the coordinate grid system
- I can tell the difference between the "x" and "y" coordinates in an ordered pair
- I can find an ordered pair on a coordinate grid