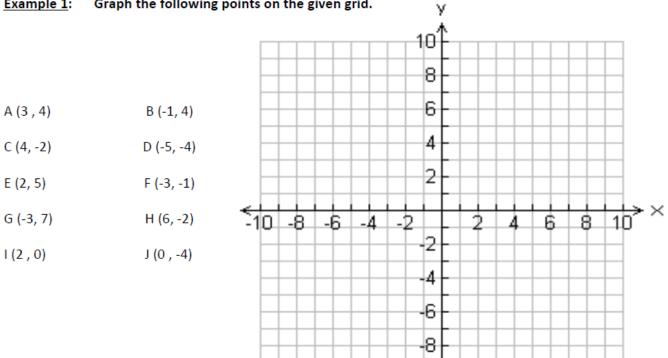
Math 9 – Unit 7 Coordinate Geometry	Name:
Lesson #1: The Coordinate Plane	Date:
In this chapter and the next, we will learn a lot of new vocabulary. You need to become intimate with these words, so let's first define them, then draw/label them!	
Coordinate Plane	
Quadrants	
x-axis	
y-axis	
x-coordinate	
y-coordinate	
Ordered Pair	
Outsin	
Origin	

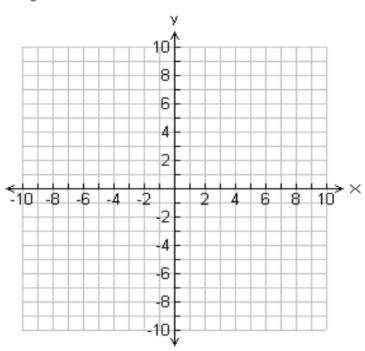




## Example 2: Calculate the area of a triangle with vertices at A(-5,-3), B(3,-3), and C(3,8)

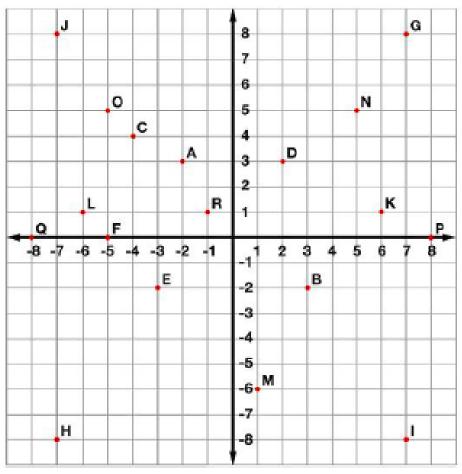
Step 1: Plot the points and connect the points to form a triangle

Step 2: Find the length of the base and height



-10<sub>↓</sub>

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.