

Date: _____

The Coordinate Plane

Cartesian Plane:

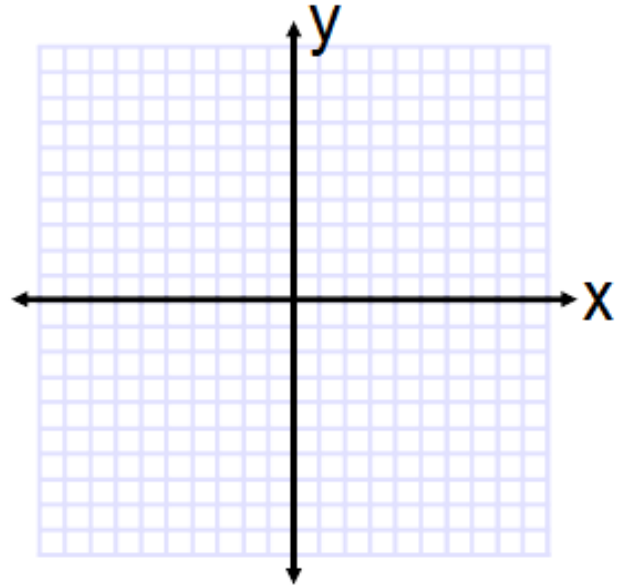
- The coordinate plane made up of the x-axis and the y-axis
- It has 4 quadrants

Ordered Pair:

- A pair of numbers used to locate a point on a coordinate plane
- In other words, a point (x, y)

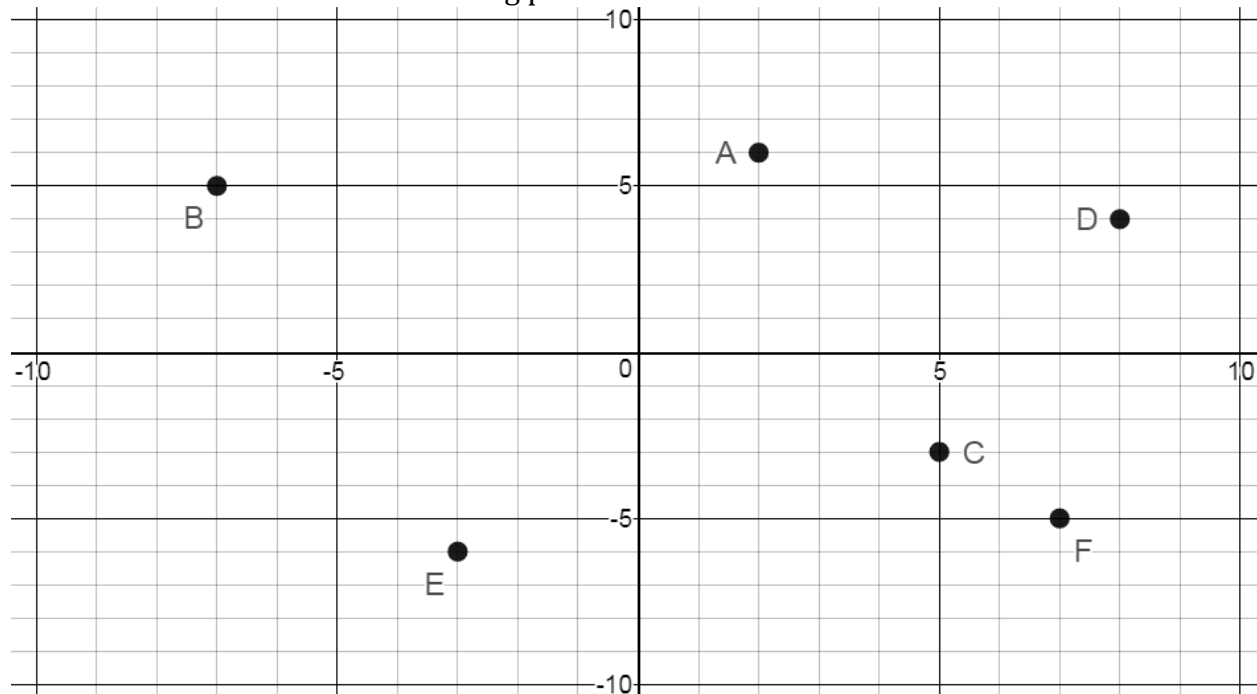
Origin:

- The point $(0, 0)$



Example:

State the coordinates of the following points.



A: _____

B: _____

C: _____

D: _____

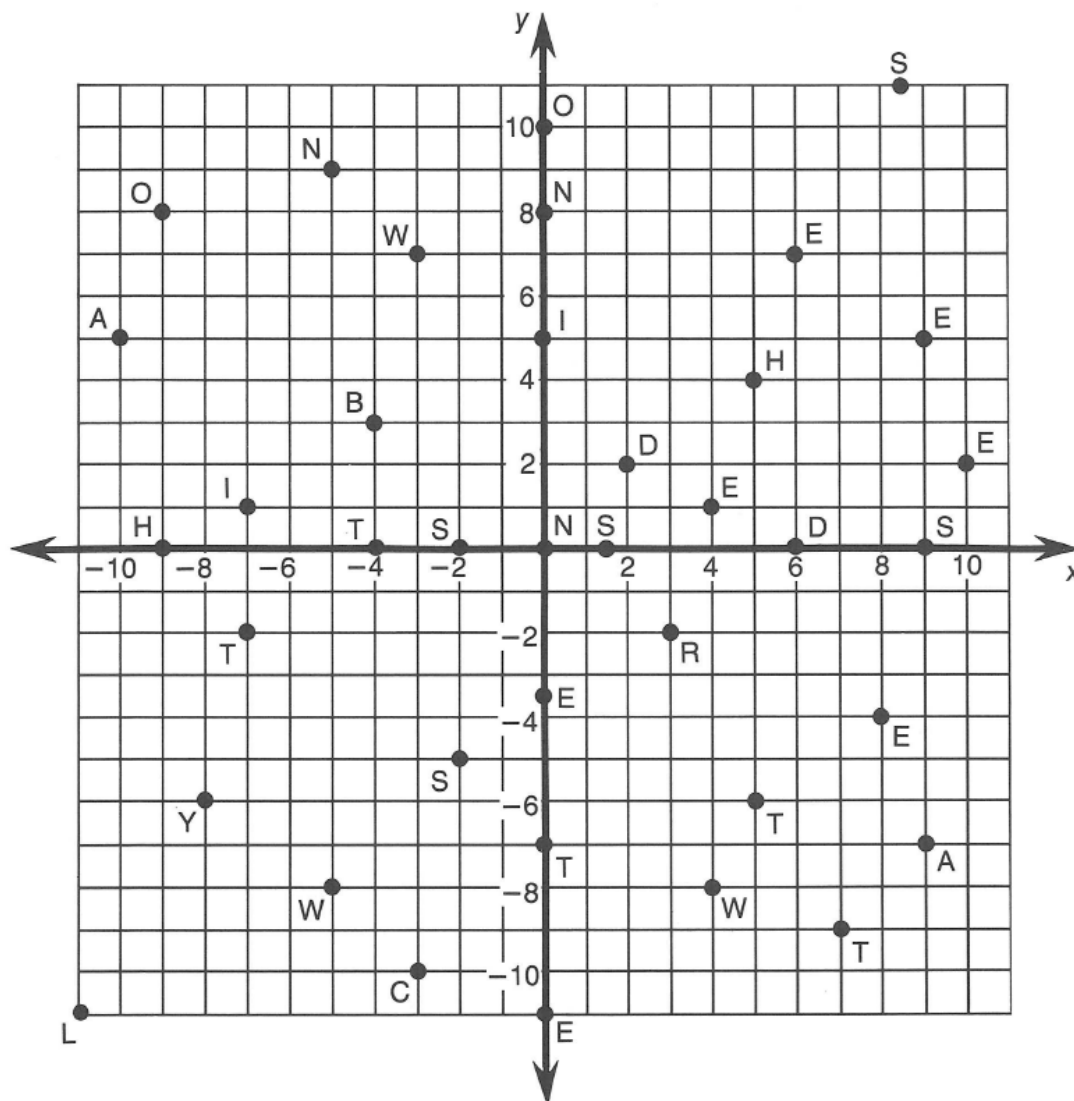
E: _____

F: _____

Homework

What Happened After a Burglar Broke Into a Tuba Factory ?

Each ordered pair at the bottom of the page represents a point on the coordinates below. Above each ordered pair, write the letter that appears at that point.



 (5, 4)(10, 2)(-3, 7)(-10, 5)(-2, -5)(-3, -10)(3, -2)(8, -4)(6, 0)(0, 5)(-4, 0)(0, -11)(2, 2)

 (-5, -8)(-7, 1)(7, -9)(-9, 0)(-7, -2)(4, -8)(6, 7)(-5, 9)(0, -7)(-8, -6)(0, 10)(0, 0)(9, 5)

 (9, 0)(5, -6)(-9, 8)(-11, -11)(4, 1)(0, 8)(-4, 3)(9, -7)(-2, 0)(8.5, 11)(0, -3.5)(1.5, 0)