4A.9
Coordinate Plane

Learning Opportunity

Name: _____

Remove this sheet. Then, plot the ordered pairs below on your coordinate plane. After you plot each new point, draw a line to connect it to the previous point. When you reach a **Stop**, start a new line.

Start

(0, -13)
(0, -10)
(-2, -10)
(-4, -8)
(-8, -8)
(-9, -7)
(-8, -7)
(-8, -2)
(-9, -1)
(-9, 3)
(-8, 4)
(-8, 13)
(-7, 12)
(-6, 13)
(-5, 12)
(-4, 13)
(-3, 12)
(-2, 13)
(-1, 12)
(0, 13)
(1, 12)
(2, 13)
(3, 12)
(4, 13)
(5, 12)
(6, 13)
(7, 12)
(8, 13)
(8, 2)
(7, -9)
(6, -10)
(6, -13)

Stop

Start

(-2, -2)
(-4, 0)
(-4, 3)
(-3, 5)
(-1, 6)
(1, 6)
(3, 5)
(4, 3)
(3, -1)
(0, -2)
(-1, -2)

Stop

Start

(-4, -4)
(-5, -5)
(-6, -5)
(-7, -4)
(-7, -3)
(-6, -2)
(-5, -2)
(-4, -1)
(-3, -1)

Stop

Start

(-4, 4)
(-5, 5)
(-6, 5)
(-8, 4)

Stop

Start

(-7, -2)
(-8, -2)

Stop

Start

(-3, -8)
(0, -8)
(1, -7)
(3, -7)
(4, -8)

Stop

Start

(3, -6)
(3, -7)

Stop

Start

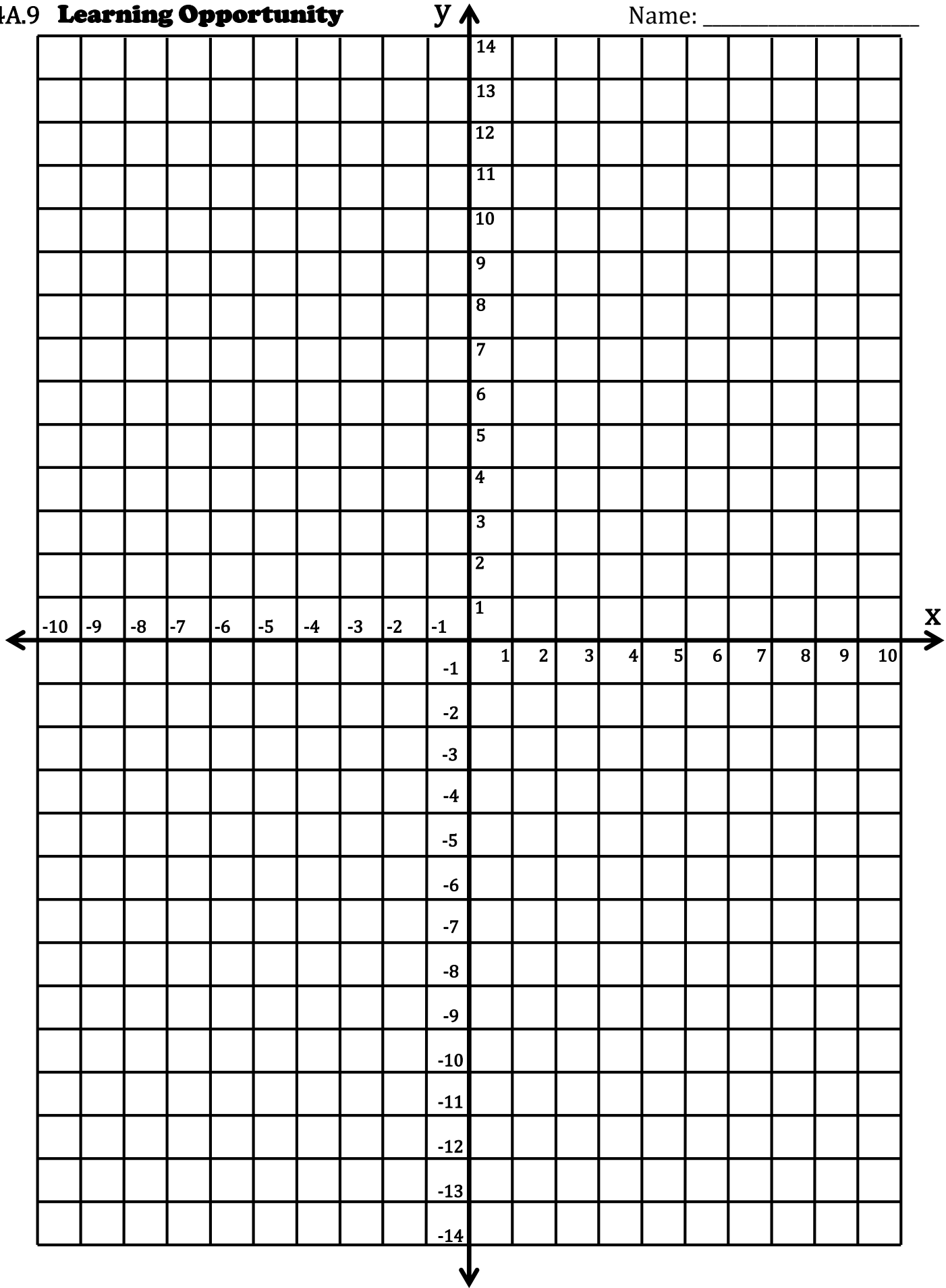
(7, -2)
(8, -1)
(9, -2)
(9, -4)
(8, -5)
(7, -5)
(6, -4)

Stop

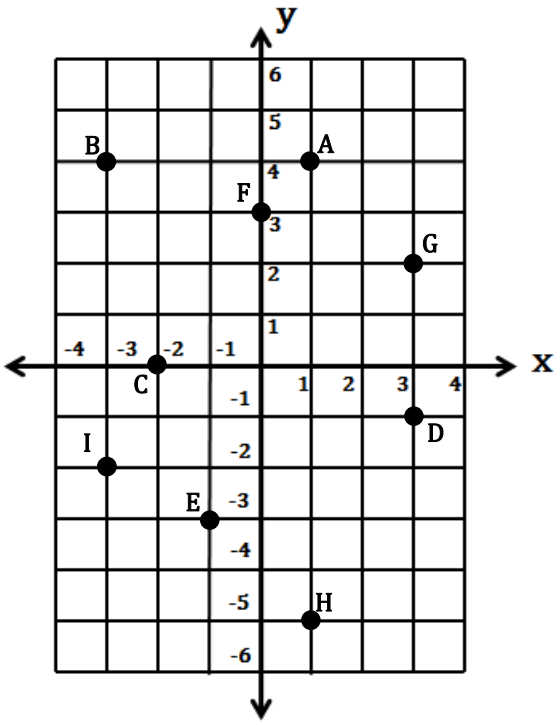
Big Dot at (-6, 2)
Big Dot at (1, 2)

4A.9 **Learning Opportunity**

Name: _____



Write the ordered pair for each point plotted on the coordinate plane to the right. Then, name the quadrant or axis on which each point is located.



1) A
2) B
3) C
4) D
5) E
6) F
7) G
8) H
9) I

Determine whether each statement below is *always*, *sometimes*, or *never* true.

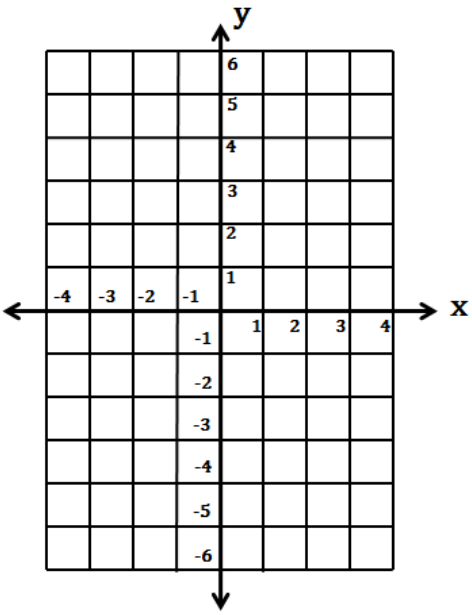
10) The y-coordinate of a point in quadrant II is negative.

11) The x-coordinate of a point on the y-axis is zero.

12) The y-coordinate of a point on the y-axis is negative.

13) The x-coordinate of a point in quadrant IV is positive.

14) Plot the points A(-3, -1), B(0, 4), C(4, 3), and D(1, -2) on the coordinate plane at the right. Connect the points from A to B, B to C, C to D, and D to A.



Name the figure and find its area.