

Name: _____

Date: _____

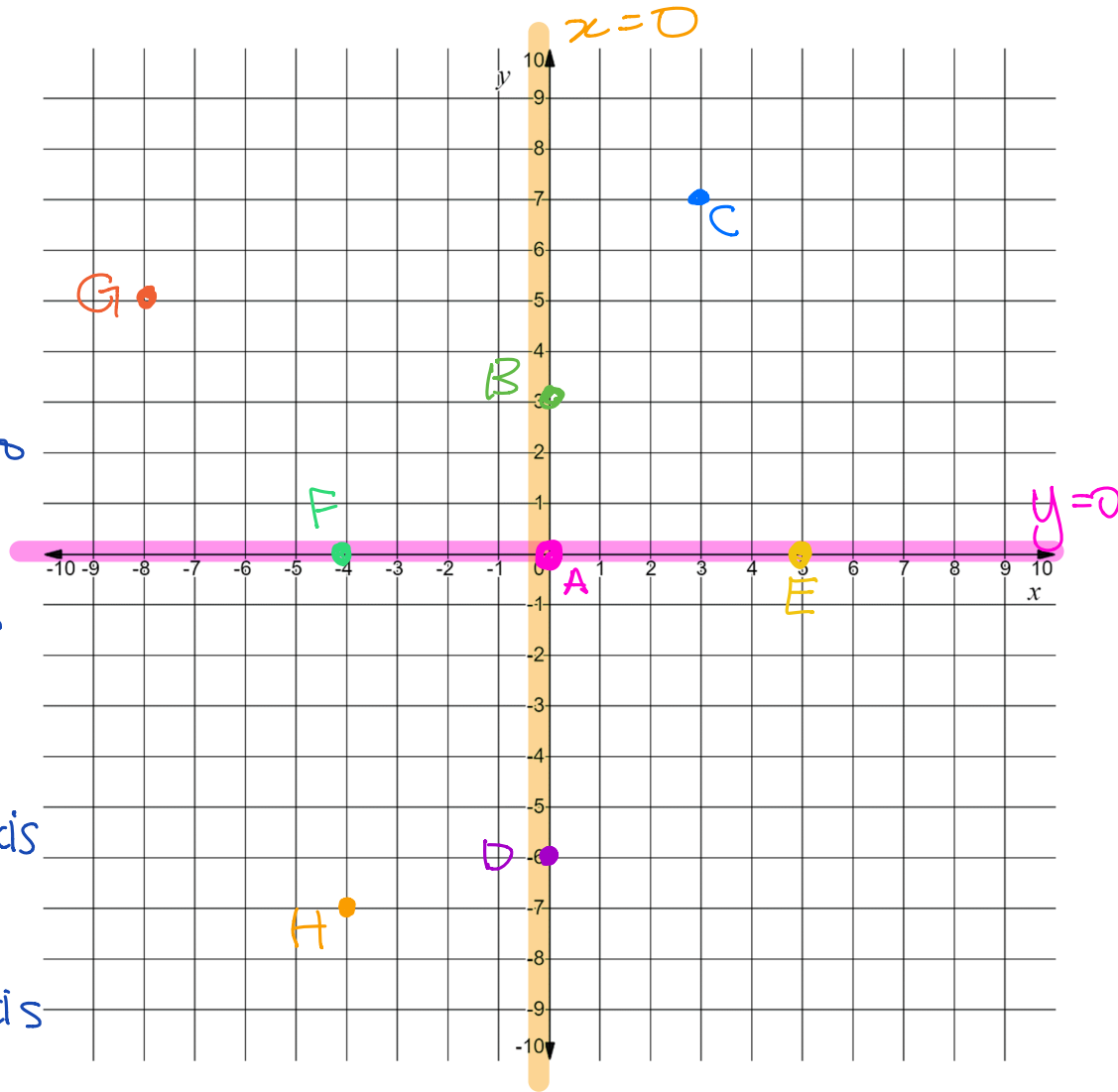
Learning Goal 5.1 I can graph integral coordinates in the four quadrants.

The x-axis
 - the horizontal axis $y=0$

- Positive x
 - the x-values to the right of the y-axis
- Negative x
 - the x-values to the left of the y-axis

The y-axis
 - the vertical axis $x=0$

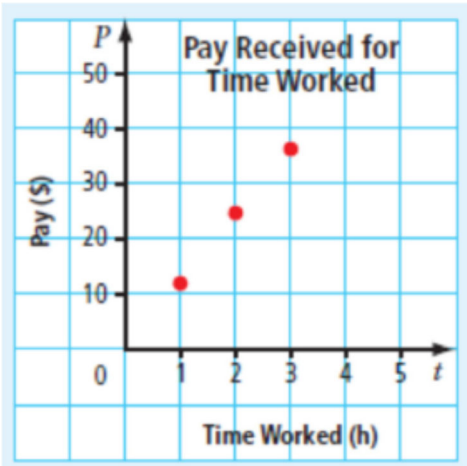
- Positive y
 - the y-values above the x-axis
- Negative y
 - the y-values below the x-axis



Ordered Pairs tell you where on the coordinate plane your point is (x, y)

$A(0,0)$ $B(0,3)$ $C(3,7)$ $D(0,-6)$ $E(5,0)$ $F(-4,0)$ $G(-8,5)$ $H(-4,-7)$

↑ the origin
 A table of values is



Vertical Table of Values

- Left Column
horizontal, t
- Right Column
vertical, P

x/t	y/P
1	11
2	25
3	37

estimates

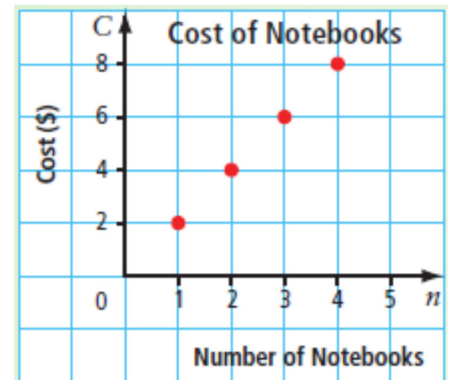
Horizontal Table of Values

- Top Row
horizontal
- Bottom Row
vertical

x/t	1	2	3
y/P	11	25	37

exact

Example Chad is buying notebooks at Bob’s Bargain Store. The graph shows the cost of notebooks.



a. Describe patterns you see in the graph.

b. What is the cost per notebook? How do you know?

c. Make a table of values from the graph.

d. Is it possible to have points between the ones on the graph? Explain.