

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Learning Goal 5.1**

I can graph integral coordinates in the four quadrants.

The  $x$  – axis

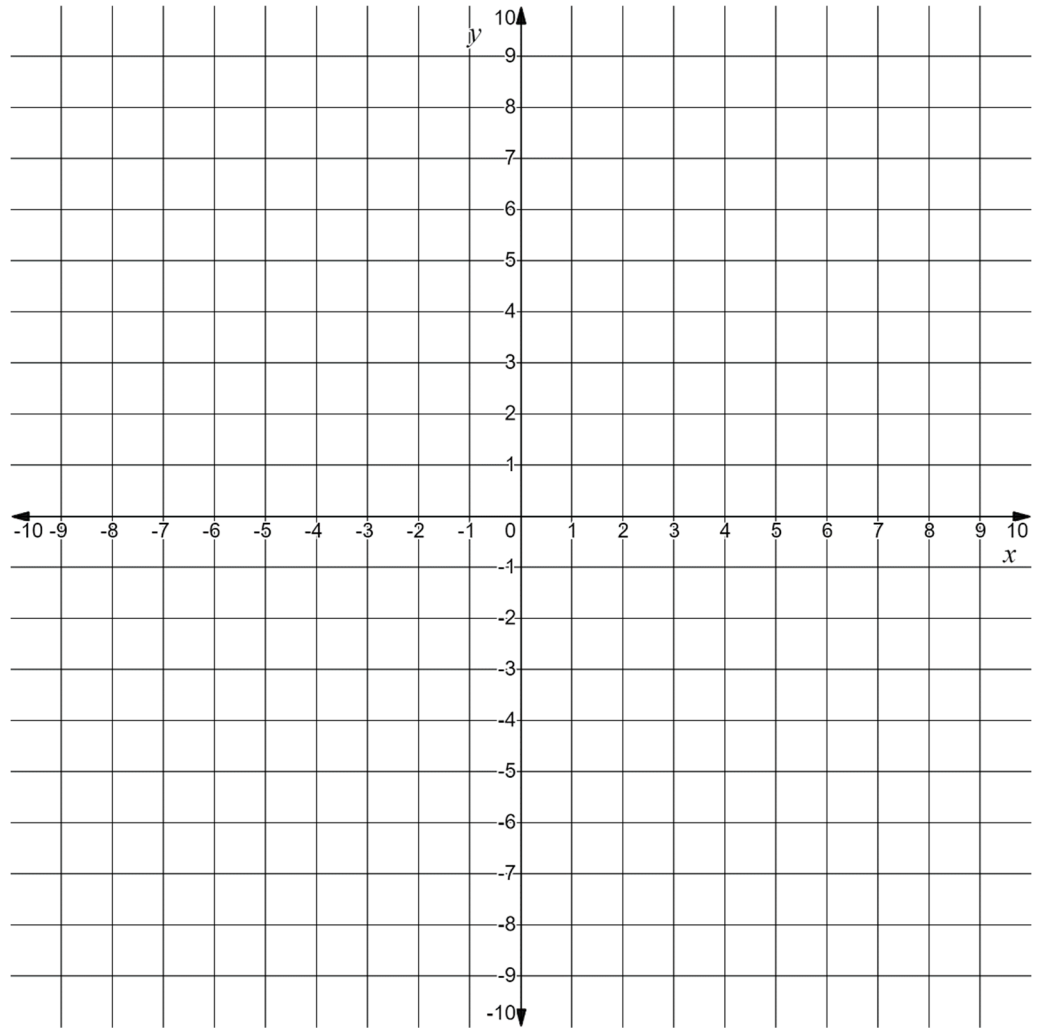
- Positive  $x$

- Negative  $x$

The  $y$  – axis

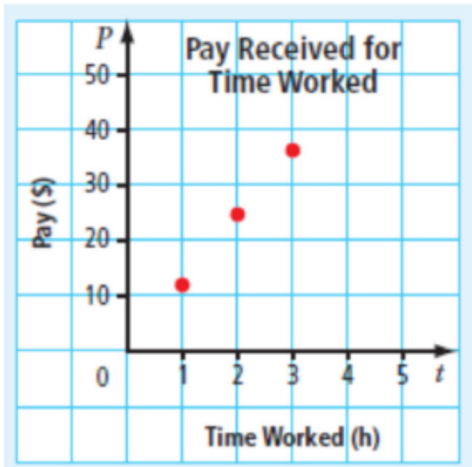
- Positive  $y$

- Negative  $y$

**Ordered Pairs**

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

A table of values is



**Vertical Table of Values**

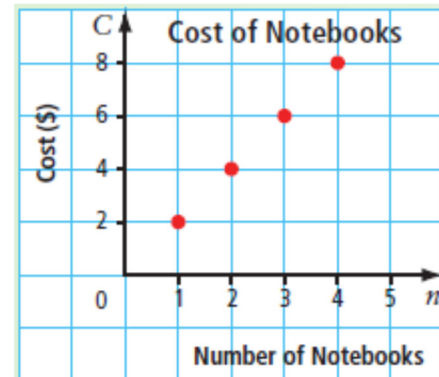
- Left Column
- Right Column


**Horizontal Table of Values**

- Top Row
- Bottom Row


**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.