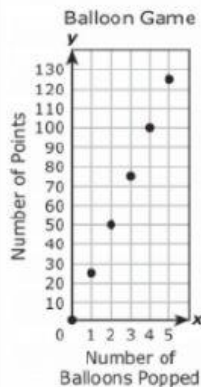


Directions: Each day Thursday through Wednesday (not including weekends), there are 1-4 questions to complete for homework. You may complete the work in the space provided. If you choose to work on a separate sheet of paper, record your answer in the appropriate box, and staple your separate sheet of paper to this one. **To earn full credit, you must show some work when solving equations.**

**\*\*IMPORTANT:** Go to this link and insert your answers

**T  
h  
u  
r  
s  
d  
a  
y**

The graph shows the number of points,  $y$ , a player earns in a balloon game based on the number of balloons the player pops,  $x$ .



Which equation best represents the relationship between  $x$  and  $y$ ?

- A  $y = x + 25$
- B  $x = y + 25$
- C  $x = 25y$
- D  $y = 25x$

Mr. Martinez asked his students to write a situation that could describe the relationship between all the values of  $x$  and  $y$  in the table.

$x$	0	1	2	3
$y$	6	7	8	9

Which situation best describes the relationship between all the values of  $x$  and  $y$  in the table?

- A Rachel had six dollars and then started to save one dollar each week.
- B Beatriz ran one mile the first week and one mile each week after that.
- C James read zero books in six months and then started to read one book each week.
- D Marion has six times the number of toy trains that Tony has.

Which table shows only values that represent the following relationship between  $q$  and  $r$ ?

$$r = q + 10.1$$

**A**

$q$	$r$
5	50.5
7	70.7
9	90.9
11	111.1

**C**

$q$	$r$
5	10.6
7	10.8
9	11.0
11	11.2

**B**

$q$	$r$
5	15.1
7	17.1
9	19.1
11	21.1

**D**

$q$	$r$
5	15.1
7	15.3
9	15.5
11	15.7

**F  
r  
i  
d  
a  
y**

The cost of downloading one song from a website is \$0.99. Which equation can be used to find  $t$ , the cost in dollars of downloading  $n$  songs?

- F  $t = 0.99 + n$
- G  $n = 0.99 + t$
- H  $t = 0.99n$
- J  $n = 0.99t$

A firefighter uses equipment that weighs 60 pounds. The firefighter weighs  $x$  pounds. Which equation can be used to find  $t$ , the total weight of both the firefighter and his equipment in pounds?

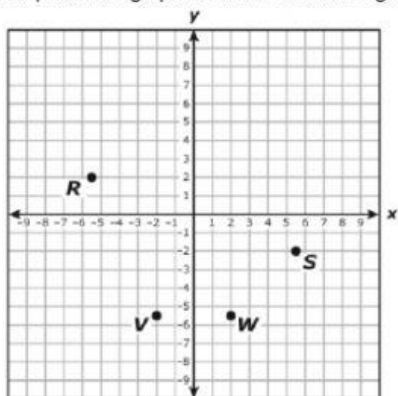
- A  $t = 60x$
- B  $t = x + 60$
- C  $t = 60 - x$
- D  $t = x - 60$

Point Q is located on the coordinate grid at  $(-9, -3)$ . In which quadrant is point Q located?

- A Quadrant II
- B Quadrant IV
- C Quadrant III
- D Quadrant I

**M**  
**o**  
**n**  
**d**  
**a**  
**y**

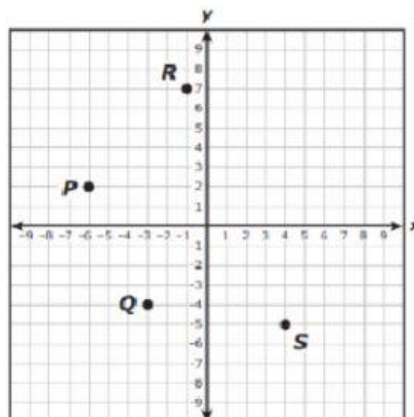
Four points are graphed on the coordinate grid.



Which point is represented by the ordered pair  $(2, -5.5)$ ?

- F** Point W
- G** Point V
- H** Point S
- J** Point R

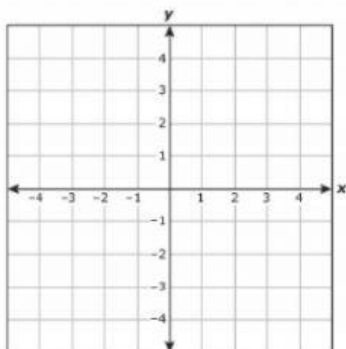
The coordinate grid shows points P, Q, R, and S. All the coordinates for these points are integers.



What is the value of the x-coordinate of point P?

**T**  
**u**  
**e**  
**s**  
**d**  
**a**  
**y**

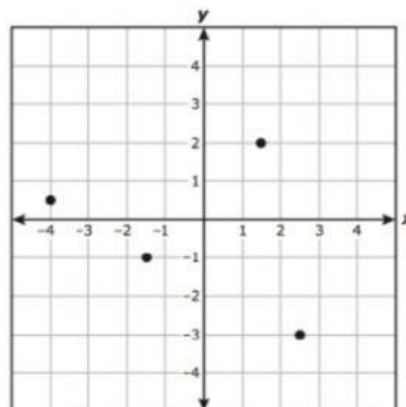
A coordinate grid is shown below.



Which ordered pair describes a point that is located 4 units to the left of the origin and 2 units below the x-axis?

- F**  $(4, 2)$
- G**  $(-4, -2)$
- H**  $(-4, 2)$
- J**  $(4, -2)$

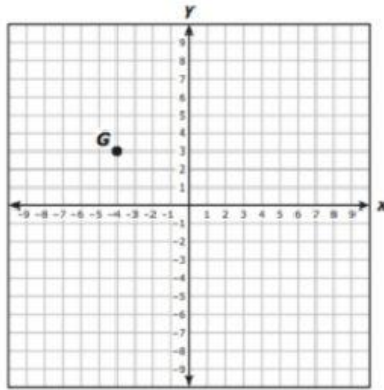
Four points are graphed on the coordinate grid.



Which ordered pair does NOT appear to be represented by one of these points?

- A**  $(\frac{5}{2}, -3)$
- B**  $(-1, -1\frac{1}{2})$
- C**  $(\frac{3}{2}, 2)$
- D**  $(-4, \frac{1}{2})$

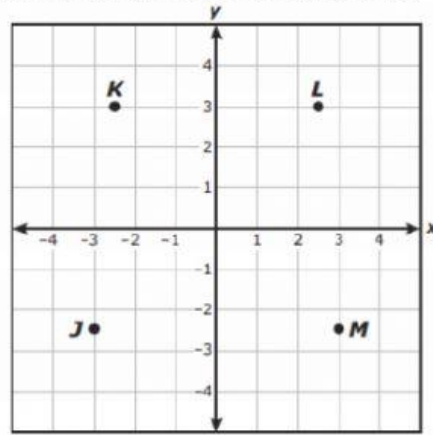
Benisha graphed point G on the coordinate grid. She will graph point H at a location 5 units away from point G.



Which ordered pair could represent the location of point H?

- A  $(-4, 5)$
- B  $(-9, 8)$
- C  $(1, 3)$
- D  $(-4, -1)$

The coordinate grid shows points J, K, L, and M.



Which point best represents the ordered pair  $(-2.5, 3)$ ?

- A Point J
- B Point K
- C Point L
- D Point M