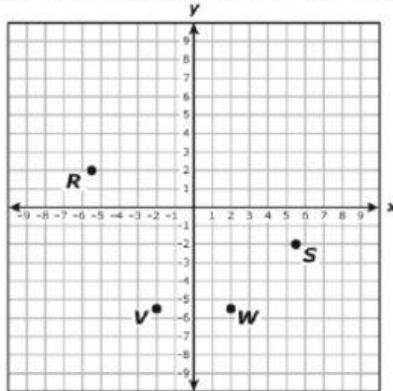


Directions: Each day Thursday through Wednesday (not including weekends), there are 1-4 questions to complete for homework. You may complete the work in the space provided. If you choose to work on a separate sheet of paper, record your answer in the appropriate box, and staple your separate sheet of 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	<p>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.</p> <p>Balloon Game</p> <p>Which equation best represents the relationship between x and y?</p> <p>A $y = x + 25$ B $x = y + 25$ C $x = 25y$ D $y = 25x$</p>	<p>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.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>x</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> <p>Which situation best describes the relationship between all the values of x and y in the table?</p> <p>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.</p>	x	0	1	2	3	y	6	7	8	9	<p>Which table shows only values that represent the following relationship between q and r?</p> $r = q + 10.1$ <p>A</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>q</td> <td>r</td> </tr> <tr> <td>5</td> <td>50.5</td> </tr> <tr> <td>7</td> <td>70.7</td> </tr> <tr> <td>9</td> <td>90.9</td> </tr> <tr> <td>11</td> <td>111.1</td> </tr> </table> <p>C</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>q</td> <td>r</td> </tr> <tr> <td>5</td> <td>10.6</td> </tr> <tr> <td>7</td> <td>10.8</td> </tr> <tr> <td>9</td> <td>11.0</td> </tr> <tr> <td>11</td> <td>11.2</td> </tr> </table> <p>B</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>q</td> <td>r</td> </tr> <tr> <td>5</td> <td>15.1</td> </tr> <tr> <td>7</td> <td>17.1</td> </tr> <tr> <td>9</td> <td>19.1</td> </tr> <tr> <td>11</td> <td>21.1</td> </tr> </table> <p>D</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>q</td> <td>r</td> </tr> <tr> <td>5</td> <td>15.1</td> </tr> <tr> <td>7</td> <td>15.3</td> </tr> <tr> <td>9</td> <td>15.5</td> </tr> <tr> <td>11</td> <td>15.7</td> </tr> </table> <p>Point Q is located on the coordinate grid at $(-9, -3)$. In which quadrant is point Q located?</p> <p>A Quadrant II B Quadrant IV C Quadrant III D Quadrant I</p>	q	r	5	50.5	7	70.7	9	90.9	11	111.1	q	r	5	10.6	7	10.8	9	11.0	11	11.2	q	r	5	15.1	7	17.1	9	19.1	11	21.1	q	r	5	15.1	7	15.3	9	15.5	11	15.7
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F r i d a y	<p>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?</p> <p>F $t = 0.99 + n$ G $n = 0.99 + t$ H $t = 0.99n$ J $n = 0.99t$</p>	<p>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?</p> <p>A $t = 60x$ B $t = x + 60$ C $t = 60 - x$ D $t = x - 60$</p>	<p>Point Q is located on the coordinate grid at $(-9, -3)$. In which quadrant is point Q located?</p> <p>A Quadrant II B Quadrant IV C Quadrant III D Quadrant I</p>																																																		

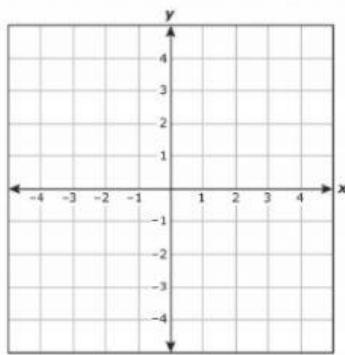
Four points are graphed on the coordinate grid.



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

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

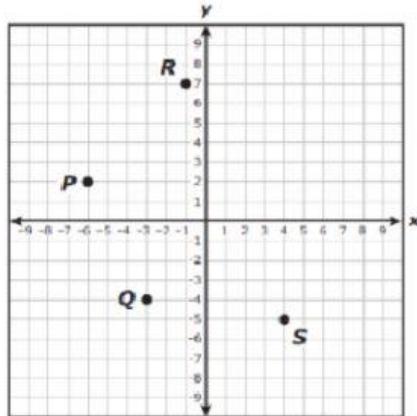
A coordinate grid is shown below.



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

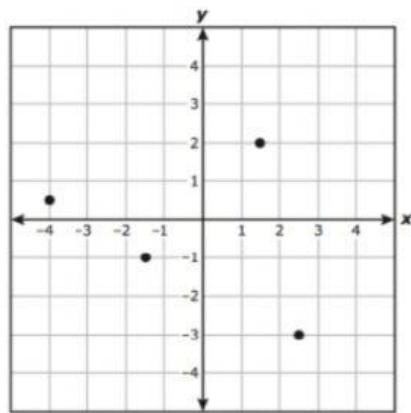
- F $(4, 2)$
- G $(-4, -2)$
- H $(-4, 2)$
- J $(4, -2)$

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?

Four points are graphed on the coordinate grid.

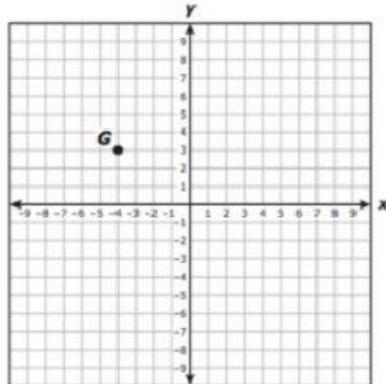


Which ordered pair does NOT appear to be represented by one of these points?

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

Wednesday

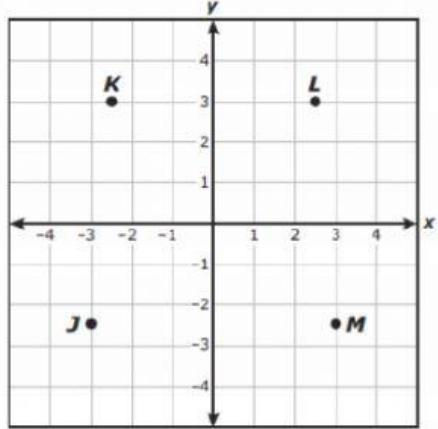
Benisha graphed point G on the coordinate grid. She will graph point H at a location 5 units away from point G.



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