

Work on the Study Guide
PENCIL!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Nov 1-7:32 AM

1	<p>The graph above shows Tomasso's rate while jogging. Which of the following is an ordered pair on the graph?</p> <p>A (10, 1) (x, y) B (15, 3) C (30, 5)</p>
2	<p>On a certain map, 2.5 inches represents 15 miles. Bay City and Greenwood are 4 inches apart on the map. What is the actual distance between Bay City and Greenwood?</p> <p>24 mi</p> <p> $\begin{array}{r} 15 \\ \times 1.6 \\ \hline 90 \\ 1500 \\ \hline 240 \end{array}$ </p> <p>in $\begin{array}{ c c } \hline 2.5 \times 1.6 & 4 \\ \hline 15 \times 1.6 & \\ \hline \end{array}$ $2.5 \overline{) 42.0}$ $\begin{array}{r} 25 \overline{) 42.0} \\ \underline{50} \\ 120 \\ \underline{125} \\ 50 \\ \underline{50} \\ 0 \end{array}$</p>
3	<p>It takes Benjamin 28 minutes to mow 2 lawns. Assuming the lawns are the same size and Benjamin works at the same speed, about how long will it take him to mow 5 lawns?</p> <p>70 min or 1hr 10min</p> <p>min $\begin{array}{ c c } \hline 14 \times 5 & 70 \\ \hline 1 \times 5 & 5 \\ \hline \end{array}$</p>

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<p>4</p> <p>\$ 75</p>	<p>Anna can buy 3 sweatshirts for a total of \$45. How much would it cost if she were to buy 5 sweatshirts at the same price?</p> <p>Sw \$</p> <table border="1" style="margin-left: 100px;"> <tr> <td>1 × \$</td> <td>5</td> </tr> <tr> <td>15 × \$</td> <td>75</td> </tr> </table>	1 × \$	5	15 × \$	75
1 × \$	5				
15 × \$	75				
<p>5</p> <p>8 mi = 1 in 109 mi = 1 in 117 mi = 1 in</p>	<p>Morganville and Newton are 24 miles apart. On a map, the two cities are 3 inches apart. What is the map scale?</p> <p>Scale A.D.</p> <table border="1" style="margin-left: 100px;"> <tr> <td>8 mi</td> <td>24</td> </tr> <tr> <td>1 in</td> <td>3</td> </tr> </table>	8 mi	24	1 in	3
8 mi	24				
1 in	3				
<p>6</p> <p>6 mi</p>	<p>Li can walk 2 miles in 45 minutes. At that rate, how far can she walk in 135 minutes?</p> <p>mi min</p> <table border="1" style="margin-left: 100px;"> <tr> <td>2 × 45</td> <td>6</td> </tr> <tr> <td>45 × 3</td> <td>135</td> </tr> </table> <p style="margin-left: 200px;">48 $\overline{)135}$ 135 0</p>	2 × 45	6	45 × 3	135
2 × 45	6				
45 × 3	135				
<p>7</p> <p>18 chicken burritos</p>	<p>The cooking club makes 3 chicken burritos for every 4 beef burritos they prepare. How many chicken burritos do they make if they prepare 24 beef burritos?</p> <p>C B</p> <table border="1" style="margin-left: 100px;"> <tr> <td>3 × 6</td> <td>18</td> </tr> <tr> <td>4 × 6</td> <td>24</td> </tr> </table>	3 × 6	18	4 × 6	24
3 × 6	18				
4 × 6	24				

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<p>8 write your answer in the table provided</p>	<p>A sailboat travels 6 miles in 2 hours. The table below shows the distance traveled by the boat at various times. Complete the table.</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Time (h)</th> <th>Distance (mi)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>1</td> <td>3</td> </tr> <tr> <td>2</td> <td>6</td> </tr> <tr> <td>3</td> <td>9</td> </tr> <tr> <td>4</td> <td>12</td> </tr> </tbody> </table> <p>(x, y) 3 mi in 1 hr (0, 0) (1, 3) (2, 6) (3, 9) (4, 12)</p> <table border="1" style="margin-left: 150px;"> <tr> <td>x</td> <td></td> </tr> <tr> <td>y</td> <td></td> </tr> </table>	Time (h)	Distance (mi)	0	0	1	3	2	6	3	9	4	12	x		y	
Time (h)	Distance (mi)																
0	0																
1	3																
2	6																
3	9																
4	12																
x																	
y																	
<p>9 Write under problem</p>	<p>List three equivalent ratios from the table in number 8.</p> <p>$\frac{3}{2}$ or $\frac{3}{1}$ or $\frac{3}{1}$ 2:6 or 6:2 3 to 9 or 9 to 3</p>																
<p>10 Use the graph provided.</p>	<p>Use the table in number 8 to graph the relationship of the sailboat traveling.</p>																

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HW - Study for Quiz

Mod 6 Quiz corrections are due MONDAY!

You MUST follow instructions on the pink sheet.

-All work must be **completed in pencil**, problems numbered, solved out neatly, answer circled, error analysis present and completed on a separate sheet of paper set up as shown below in order to possibly earn back $\frac{1}{2}$ credit:

	Name
•	Period
	Rework
	Error Analysis
•	
•	

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