

Scenario	Write a linear equation (Slope-Intercept Form or Standard Form)	Graph it (Label the y-intercept, the slope, and the axes)
<p>5) Jennifer spent \$150 at a craft fair to rent a booth to sell her blankets. She sells her blankets for \$25 each.</p> <p>a) Use your graph to find a solution. Label it on the graph and write it as a sentence.</p> <p>b) How many blankets does Jennifer have to sell to break even?</p>		
<p>6) Lynn wants to empty out her hot tub to clean it. She has a 300 gallon hot tub and it empties at a rate of 20 gallons a minute.</p> <p>a) Use your graph to find a solution. Label it on the graph and write it as a sentence.</p> <p>b) How many gallons will be in the tub after 8 minutes?</p>		

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7)	<p>Greg saved \$8,000 prior to starting college. Each semester he must pay \$2,500 in tuition and fees. He knows he will eventually be in debt.</p> <p>a) Use your graph to find a solution. Label it on the graph and write it as a sentence.</p> <p>b) Determine how much debt Greg will be in if he graduates in 4 years (8 semesters)?</p>		
8)	<p>Sierra wants to train for a marathon. Right now she can run 4 miles. She plans to add a half of mile each week.</p> <p>a) Use your graph to find a solution. Label it on the graph and write it as a sentence.</p> <p>b) How many weeks until Sierra could run a half of a marathon (13.1 miles)?</p>		