### Lesson 1 Practice Problems

1. Priya jogs at a constant speed. The relationship between her distance and time is shown on the graph. Diego bikes at a constant speed twice as fast as Priya. Sketch a graph showing the relationship between Diego’s distance and time.
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1. A you-pick blueberry farm offers 6 lbs of blueberries for $16.50.
* Sketch a graph of the relationship between cost and pounds of blueberries.
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1. A line contains the points $\left(-4,1\right)$ and $\left(4,6\right)$. Decide whether or not each of these points is also on the line:
	1. $\left(0,3.5\right)$
	2. $\left(12,11\right)$
	3. $\left(80,50\right)$
	4. $\left(-1,2.875\right)$
* (From Unit 2, Lesson 12.)
1. The points $\left(2,-4\right)$, $\left(x,y\right)$, $A$, and $B$ all lie on the line. Find an equation relating $x$ and $y$.
* 
* (From Unit 2, Lesson 11.)



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