### 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.
* 
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 17.)
1. Select **all** the inequalities that have the same solutions as $-4x<20$.
	1. $-x<5$
	2. $4x>-20$
	3. $4x<-20$
	4. $x<-5$
	5. $x>5$
	6. $x>-5$
* (From Unit 4, Lesson 3.)



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