## Unit 5 Lesson 1 Cumulative 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 $(-4,1)$ and $(4,6)$. Decide whether or not each of these points is also on the line:
	1. $(0,3.5)$
	2. $(12,11)$
	3. $(80,50)$
	4. $(-1,2.875)$
* (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
	4. $x<-5$
	5. $x>5$
	6. $x>-5$
* (From Unit 4, Lesson 3.)



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