### Lesson 2 Practice Problems

1. Plot these points on a number line.
	* -1.5
	* the opposite of -2
	* the opposite of 0.5
	* -2
*
1. Decide whether each inequality statement is true or false. Explain your reasoning.
	1. $-5>2$
	2. $3>-8$
	3. $-12>-15$
	4. $-12.5>-12$
2. Here is a true statement: $-8.7<-8.4$. Select **all** of the statements that are equivalent to $-8.7<-8.4$.
	1. -8.7 is further to the right on the number line than -8.4.
	2. -8.7 is further to the left on the number line than -8.4.
	3. -8.7 is less than -8.4.
	4. -8.7 is greater than -8.4.
	5. -8.4 is less than -8.7.
	6. -8.4 is greater than -8.7.
3. Plot each of the following numbers on the number line. Label each point with its numeric value. 0.4, -1.5, $-1\frac{7}{10}$, $-\frac{11}{10}$
* 
*
1. Each lap around the track is 400 meters.
	1. How many meters does someone run if they run:
	* 2 laps?
	* 5 laps?
	* $x$ laps?
	1. If Noah ran 14 laps, how many meters did he run?
	2. If Noah ran 7,600 meters, how many laps did he run?
* (From Unit 4, Lesson 6.)
1. Write the solution to each equation as a fraction and as a decimal.
	1. $2x=3$
	2. $5y=3$
	3. $0.3z=0.009$
* (From Unit 4, Lesson 5.)



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