## Unit 7 Lesson 2 Cumulative Practice Problems

1. For each number, name its opposite.
	1. -5
	2. 28
	3. -10.4
	4. 0.875
	5. 0
	6. -8,003
2. Plot the numbers -1.5, $\frac{3}{2}$, $-\frac{3}{2}$, and $-\frac{4}{3}$ on the number line. Label each point with its numeric value.
* 
1. Plot these points on a number line.
	* -1.5
	* the opposite of -2
	* the opposite of 0.5
	* -2
* 1. Represent each of these temperatures in degrees Fahrenheit with a positive or negative number.
		+ 5 degrees above zero
		+ 3 degrees below zero
		+ 6 degrees above zero
		+ $2\frac{3}{4}$ degrees below zero
	2. Order the temperatures above from the coldest to the warmest.
* (From Unit 7, Lesson 1.)
1. Solve each equation.
	1. $8x=\frac{2}{3}$
	2. $1\frac{1}{2}=2x$
	3. $5x=\frac{2}{7}$
	4. $\frac{1}{4}x=5$
	5. $\frac{1}{5}=\frac{2}{3}x$
* (From Unit 6, Lesson 5.)
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 6, Lesson 5.)
1. There are 15.24 centimeters in 6 inches.
	1. How many centimeters are in 1 foot?
	2. How many centimeters are in 1 yard?
* (From Unit 3, Lesson 4.)



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