Name	Date	

The chart to the right shows the total monthly rainfall for a city.

1. Use the data to create a line plot at the bottom of this page and to answer the following questions.

Month	Rainfall (in inches)		
January	$2\frac{2}{8}$		
February	$1\frac{3}{8}$		
March	$2\frac{3}{8}$		
April	2 ⁵ / ₈		
May	$4\frac{1}{4}$		
June	$2\frac{1}{4}$		
July	$3\frac{7}{8}$		
August	$3\frac{1}{4}$		
September	$1\frac{5}{8}$		
October	$3\frac{2}{8}$		
November	$1\frac{3}{4}$		
December	$1\frac{5}{8}$		



Lesson 40:

Date:

Solve word problems involving the multiplication of a whole number and a fraction including those involving line plots. 11/19/14

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- 3. How much more rain fell in May than in April?
- 4. What is the combined rainfall amount for the summer months of June, July, and August?

5. How much more rain fell in the summer months than the combined rainfall for the last 4 months of the year?

6. In which months did it rain twice as much as it rained in December?

7. Each inch of rain can produce ten times that many inches of snow. If all of the rainfall in January was in the form of snow, how many inches of snow fell in January?



Lesson 40:

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Solve word problems involving the multiplication of a whole number and a fraction including those involving line plots.



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