



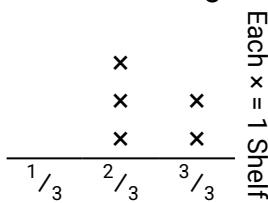
Distributing Line Plot Values

Name: _____

Solve each problem.

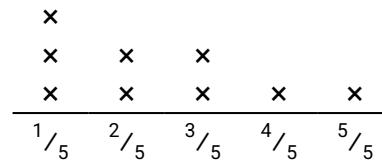
Answers

1) The line plot below shows the weight (in kilograms) that each cabinet shelf is holding.



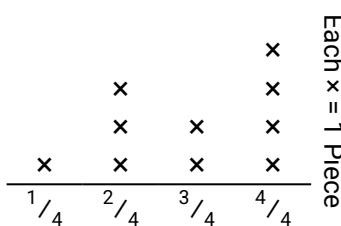
Find the amount of weight each shelf would have if the weight were redistributed evenly.

2) The line plot below shows the distance (in miles) that each member of a relay race travelled.



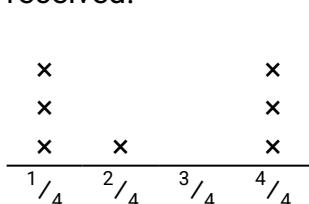
How far would each person have run if the distances were distributed evenly?

3) Rachel tore a sheet of paper into different length pieces. The line plot below shows the length (in inches) of each piece.



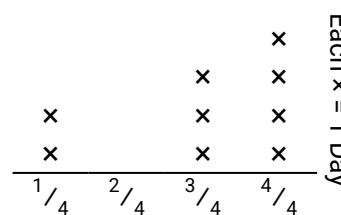
If she had torn the sheet into equal sized pieces, how long would each piece be?

5) The line plot below shows the pounds of candy a group of friends received.



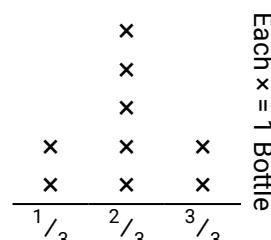
If they split the total amount of candy evenly, how much would each friend get?

4) The line plot below shows the amount of water a plant received (in cups) over the course of 9 days.



Find how many cups of water the plant would have received if it got the same amount each day.

6) The line plot below shows the weight (in grams) of vitamin bottles.



If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

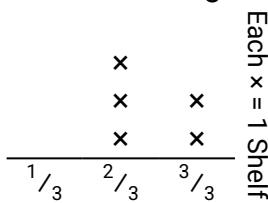


Distributing Line Plot Values

Name: **Answer Key**

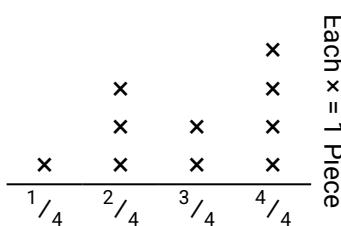
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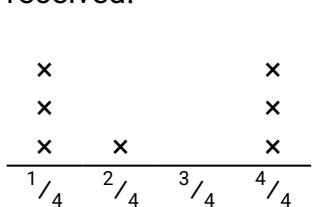
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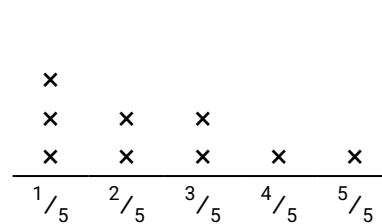
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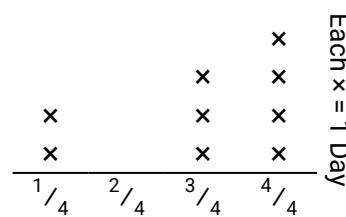
If they split the total amount of candy evenly, how much would each friend get?

2) The line plot below shows the distance (in miles) that each member of a relay race travelled.



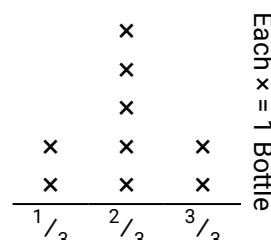
How far would each person have run if the distances were distributed evenly?

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Answers

1. $\frac{12}{15} = \frac{4}{5}$

2. $\frac{22}{45}$

3. $\frac{29}{40}$

4. $\frac{27}{36} = \frac{3}{4}$

5. $\frac{17}{28}$

6. $\frac{18}{27} = \frac{2}{3}$