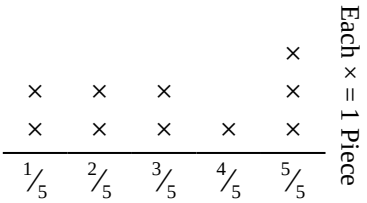
Distributing Line Plot Values

Name:

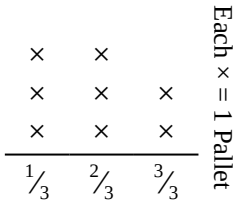
Solve each problem.

1) Kaleb cut a rope into different lengths. The line plot below shows the length (in feet) of the cut pieces.



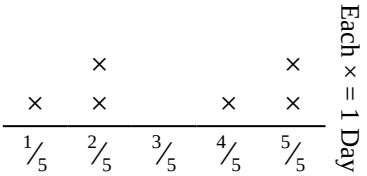
If he had cut the rope so each piece was the same length, how long would each piece be?

2) The line plot below shows the weight (in tons) of boxes on pallets.



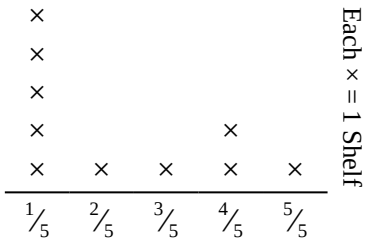
If the weight were redistributed evenly, how much weight would be on each pallet?

3) The line plot below shows the amount of water a plant received (in cups) over the course of {6} days.



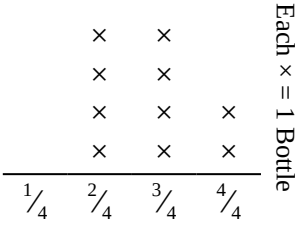
Find how many cups of water the plant would have received if it got the same amount each day.

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



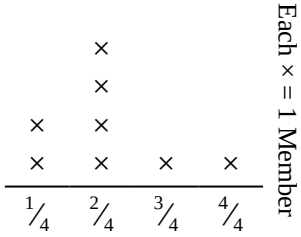
Find the amount of weight each shelf would have if the weight were redistributed equally.

5) 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?

6) 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?

Answers

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

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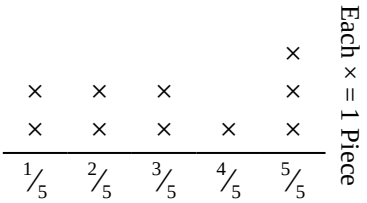

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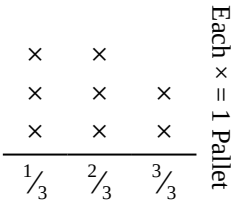

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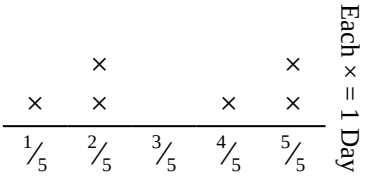

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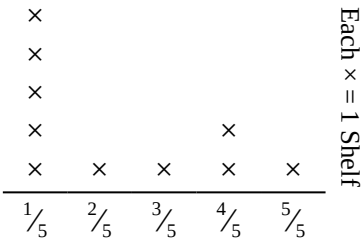

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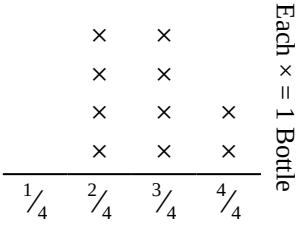

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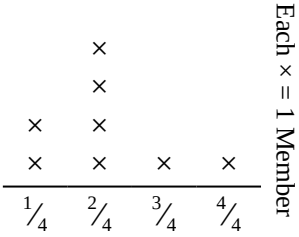

How far would each person have run if the distances were distributed evenly?

Answers

1. $\frac{31}{50}$
2. $\frac{15}{24} = \frac{5}{8}$
3. $\frac{19}{30}$
4. $\frac{23}{50}$
5. $\frac{28}{40} = \frac{7}{10}$
6. $\frac{17}{32}$

83	67	50	33	17	0