1) The line plot below shows the amount of liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally.

3) 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?

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

Each × = 1 Bottle  
× × × = 
$$\frac{1}{3}$$
  $\frac{2}{3}$   $\frac{3}{3}$ 

If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be? The line plot below shows the distance (in miles) that each member of a relay race travelled.

Name:

$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \times & \times \\ \times & \times \end{array} \\ \end{array} \\ \begin{array}{c} \times & \times \end{array} \\ \hline \begin{array}{c} 1 \\ 1 \\ 4 \end{array} \\ \begin{array}{c} 2 \\ 4 \end{array} \\ \begin{array}{c} 3 \\ 4 \end{array} \\ \begin{array}{c} 4 \\ 4 \\ 4 \end{array} \end{array} \\ \begin{array}{c} 1 \\ 4 \end{array} \end{array}$$

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

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

			Each  imes
× ×	×	×	 1
1/3	2/3	3/3	Pallet

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

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

1

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

Answord

1.

2.

3.

4.

5.

6.

#### Name: **Answer Key**

#### Solve each problem.

1) The line plot below shows the amount of liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally.

3) 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?

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

Each × = 1 Bottle  
× × × = 
$$\frac{1}{3}$$
  $\frac{2}{3}$   $\frac{3}{3}$ 

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

4) 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?

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

1

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

Answers  
Answers  
1. 
$$\frac{9}{20}$$
  
2.  $\frac{14}{16} = \frac{7}{8}$   
3.  $\frac{20}{30} = \frac{2}{3}$   
4.  $\frac{7}{12}$   
5.  $\frac{10}{18} = \frac{5}{9}$   
6.  $\frac{23}{30}$ 

1) The line plot below shows the amount of 2) Carol tore a sheet of paper into different water a plant received (in cups) over the course of {8} days.

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

3) The line plot below shows the weight (in 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) 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?

length pieces. The line plot below shows the length (in inches) of each piece.

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

grams) of vitamin bottles.

	×		×		$Each \times$
	×		×		 1
	×		×		Bo
1/5	<sup>2</sup> / <sub>5</sub>	<sup>3</sup> / <sub>5</sub>	4/5	<sup>5</sup> / <sub>5</sub>	Bottle

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 weight (in tons) of boxes on pallets.

$$\begin{array}{c} \text{Each} \times \times \times = 1 \text{ Pallet} \\ \times \times \times \times \times \\ \hline 1/_4 \quad 2/_4 \quad 3/_4 \quad 4/_4 \end{array}$$

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

1. 6.

<u>Answers</u>

1) The line plot below shows the amount of 2) Carol tore a sheet of paper into different water a plant received (in cups) over the course of {8} days.

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

3) The line kilogram et shelf is holding.

$$\begin{array}{c} \times \\ \times \\ \times \\ \times \\ \times \\ \times \\ 1 \\ \frac{1}{3} \\ \frac{2}{3} \\ \frac{3}{3} \end{array}$$

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

5) 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?

length pieces. The line plot below shows the length (in inches) of each piece.

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

the weight (in 4) The line plot below shows the weight (in grams) of vitamin bottles.

	×		×		$Each \times$
	× ×		× ×		 
1/5	$\frac{\times}{\frac{2}{5}}$	3/5	×	5/5	Bottle

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 weight (in tons) of boxes on pallets.

$$\begin{array}{c} \text{Bach} \times \times \times = 1 \text{ Pallet} \\ \times \times \times \times \\ \hline 1/4 \quad 2/4 \quad 3/4 \quad 4/4 \end{array}$$

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



Answers  $\frac{12}{18} = \frac{1}{2}$ 

#### NT .....

1) 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 pall

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

				Each
×				× II
×	×	×	×	1 fi
$^{1}/_{4}$	<sup>2</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	4/4	friend

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

5) 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.

Interface
 Answers

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

 
$$\times$$
 $\times$ 
 $\times$ 

6) The line plot below shows the amount of water a plant received (in cups) over the course of {10} days.

	×		Ц
	×		Each
	×	×	× 
Х	×	×	1 D
×	×	×	Day
1/3	2/3	3/3	-

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

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 pounds of candy a group of friends received.

				Bach
×				× 
×	×	×	×	1 fi
<sup>1</sup> / <sub>4</sub>	<sup>2</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	4/4	friend

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

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.

2) Oliver 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<br/>same length, how long would each piece<br/>be?5. \_\_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?

6) The line plot below shows the amount of water a plant received (in cups) over the course of {10} days.

	×		Ľ
	×		Еаси × − т µау
	×	$\times$	> 
Х	×	×	Ļ
×	×	$\times$	ay
1/3	2/3	3/3	-

Find how many cups of water the plant would have received if it got the same amount each day. <u>Answers</u> 1.  $\frac{31}{40}$ 2.  $\frac{14}{28} = \frac{1}{2}$ 3.  $\frac{11}{20}$ 4.  $\frac{20}{30} = \frac{2}{3}$ 5.  $\frac{7}{20}$ 6.  $\frac{21}{30} = \frac{7}{10}$ 

Distributing E	ine Plot Values Name:	
n.		Answers
eet of paper into different The line plot below shows nches) of each piece.	<ol> <li>The line plot below shows the weight (in tons) of boxes on pallets.</li> </ol>	1
Each × = 1 Piece	$ \begin{array}{cccc} \times & & \text{Each} \times = 1 \text{ Pallet} \\ \times & & \times & \\ \times & & \times & \\ \hline  & & \times & \\ \hline  & & & & \\ \end{array} $	2 3 4
the sheet into equal sized ag would each piece be?	If the weight were redistributed evenly, how much weight would be on each pallet?	5.         6.
elow shows the pounds of of friends received. $\begin{array}{c} \times & & E_{ach} \\ \end{array}$ $\begin{array}{c} & & & \\ \times & & & \\ \times & & & \\ & & & \\ \times & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \hline & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & &$	4) George cut a rope into different lengths. The line plot below shows the length (in feet) of the cut pieces. $ \frac{x + x + x + x}{\frac{x}{1/5} + \frac{2}{5} + \frac{3}{5} + \frac{4}{5} + \frac{5}{5}} \xrightarrow{\text{Prece}} $	
total amount of candy uch would each friend get?	If he had cut the rope so each piece was the same length, how long would each piece be?	
elow shows the amount of ) in different containers. Each $\times$ $\parallel$ $\times \times \times$ $\frac{1}{4_{5}}$ $\frac{5}{5}$ Container	6) The line plot below shows the distance (in miles) that each member of a relay race travelled. $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	
nt of liquid each container f the total amount were pually.	How far would each person have run if the distances were distributed evenly?	

1) Gwen tore a shee length pieces. Th the length (in inc



If she had tore th pieces, how long

3) The line plot bel candy a group of



If they split the t evenly, how mu

5) The line plot bel liquid (in liters)



Find the amount would have if if redistributed equ

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

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

3) 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?

5) The line plot below shows the amount of liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally. 2) The line plot below shows the weight (in tons) of boxes on pallets.

Name:

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

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

						Eac
					×	ach ×
	×	×	×		×	П
_	×	×	×		×	l Pi
	<sup>1</sup> / <sub>5</sub>	<sup>2</sup> / <sub>5</sub>	3/5	4/5	<sup>5</sup> / <sub>5</sub>	1 Piece

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

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

$$\begin{array}{c} \times & & \times \\ \times & \times & \times \\ \times & \times & \times \\ \end{array} \xrightarrow{1/4} \begin{array}{c} 2/4 \\ 2/4 \end{array} \xrightarrow{3/4} \begin{array}{c} 4/4 \\ 4/4 \end{array}$$

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

Answer Key  
Answers  
Answers  
1. 
$$\frac{20}{27}$$
  
2.  $\frac{16}{24} = \frac{2}{3}$   
3.  $\frac{21}{40}$   
4.  $\frac{27}{45} = \frac{3}{5}$   
5.  $\frac{14}{25}$   
6.  $\frac{13}{24}$ 

1) The line plot below shows the amount of liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



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

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

$$\begin{array}{c} & \times & \times \\ \times & \times & \times \\ \hline & \times & \times & \times \\ \hline & & 1_{3} & 2_{3} & 3_{3} \end{array}$$
 let

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

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

Each  $\times = 1$  friend

$$\begin{array}{c} \times \\ \times \\ \times \\ \times \\ \times \\ \times \\ \end{array}$$

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

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

			Each
		×	× I
×	×	×	
<u> </u>		~	Bottle
/3	$^{2}/_{3}$	$3/_{3}$	e

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

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

$$\begin{array}{c} \times & & \\ \times & \times & \\ \hline & \times & \times & \\ \hline & \times & \times & \times \\ \hline & 1_{4} & 2_{4}' & 3_{4}' & 4_{4}' \end{array} \begin{array}{c} \text{E} \\ \text{Finite constraints} \end{array}$$

If he had cut the rope so each piece was the same length, how long would each piece be? <u>Answers</u>
1. \_\_\_\_\_
2. \_\_\_\_
3. \_\_\_\_
4. \_\_\_\_
5. \_\_\_\_
6.

1) The line plot below shows the amount of liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



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

5) 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?

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

 $Each \times =$ 

: 1 friend

$$\begin{array}{c} \times \\ \times \\ \times \\ \times \\ \times \\ \times \\ \end{array}$$

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

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

		×	Each
×	×	×	×
×	×	×	l Bo
1/3	<sup>2</sup> / <sub>3</sub>	3/3	Bottle

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

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

$$\begin{array}{c} \times & & \\ \times & \times & \\ \times & \times & \\ \hline & \times & \times & \times \\ \hline & & \times & \times & \\ \hline & & & 1_{4} & 2_{4} & 3_{4} & 4_{4} \end{array} \begin{array}{c} \text{Erach} \\ \text{Fince} \\ \text{Fince}$$

If he had cut the rope so each piece was the same length, how long would each piece be?  $\begin{array}{r} Answers \\
 \underline{Answers} \\
 1. \frac{20}{32} = \frac{5}{8} \\
 2. \frac{5}{15} = \frac{1}{3} \\
 3. \frac{11}{20} \\
 4. \frac{15}{21} = \frac{5}{7} \\
 5. \frac{11}{15} \\
 16 = 2 \\
 4. 2 \\
 15 = \frac{1}{15} \\
 16 = 2 \\
 16 = 2 \\
 11 = \frac{1}{15} \\
 16 = 2 \\
 11 = \frac{1}{15} \\
 16 = 2 \\
 11 = \frac{1}{15} \\
 15 = \frac{1}{15} \\$ 

1) The line plot below shows the pounds of 2) The line plot below shows the amount of candy a group of friends received.

×	×		Each × =
×	×		1
1/3	2/3	3/3	riend

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

3) The line plot below shows the weight (in 4) George cut a rope into different lengths. The grams) of vitamin bottles.

×	×		$Each \times$
×	×		
×	×	$\times$	Bo
1/3	<sup>2</sup> / <sub>3</sub>	3/3	Bottle

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

5) The line plot below shows the amount of 6) The line plot below shows the weight (in water a plant received (in cups) over the course of {4} days.

Each 
$$\times$$
  $\times$   $\parallel$   $\square$  Day  $\stackrel{1}{}_{4}$   $\stackrel{2}{}_{4}$   $\stackrel{3}{}_{4}$   $\stackrel{4}{}_{4}$ 

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

liquid (in liters) in different containers.

Find the amount of liquid each container would have if if the total amount were redistributed equally.

line plot below shows the length (in feet) of the cut pieces.

					$Each \times$
×		×	×		 
1/5	<sup>2</sup> / <sub>5</sub>	3/5	4/5	5/5	Piece

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

kilograms) that each cabinet shelf is holding.

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

<u>Answers</u> 6.

1) The line plot below shows the pounds of 2) The line plot below shows the amount of candy a group of friends received.



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

3) The line plot below shows the weight (in 4) George cut a rope into different lengths. The grams) of vitamin bottles.

×	×		$Each \times$
$\times$	$\times$		
×	×	$\times$	Bc
1/3	<sup>2</sup> / <sub>3</sub>	3/3	Bottle

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

5) The line plot below shows the amount of 6) The line plot below shows the weight (in water a plant received (in cups) over the course of {4} days.

Each 
$$\times$$
 = 1 Day  
 $\times$   $\times$   $\times$   $\times$   $^{1}$   $^{1}$   $^{2}$   $^{2}$   $^{3}$   $^{4}$   $^{4}$   $^{4}$ 

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

liquid (in liters) in different containers.

Each 
$$\times$$
 = 1 Container  
 $\times$   $\times$   $\times$   $\times$   $\times$   
 $\times$   $\times$   $\times$   $\times$   $\times$   
 $\frac{1}{4}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{4}{4}$ 

Find the amount of liquid each container would have if if the total amount were redistributed equally.

line plot below shows the length (in feet) of the cut pieces.

					Each ×
			×		×
×		×	×		<u> </u>
1/5	<sup>2</sup> / <sub>5</sub>	3/5	4/5	5/5	Piece

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

kilograms) that each cabinet shelf is holding.

	×			Each
×	×			×
×	×		×	<u> </u>
$\times$	×	×	$\times$	Shelf
1/4	2/4	3/4	4/4	f

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

$$\begin{array}{c}
 \underline{Answers} \\
 1. \quad \frac{6}{12} = \frac{1}{2} \\
 2. \quad \frac{21}{40} \\
 3. \quad \frac{12}{21} = \frac{4}{7} \\
 4. \quad \frac{12}{20} = \frac{3}{5} \\
 5. \quad \frac{14}{16} = \frac{7}{8} \\
 6. \quad \frac{22}{40} = \frac{11}{20} \\
 \end{array}$$

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



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

3) Mike 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?

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? liquid (in liters) in different containers.

$$\begin{array}{c} \times & & \\ \times & & \\ \times & \times & \\ \hline 1/_4 & 2/_4 & 3/_4 & 4/_4 \end{array}$$
 Container

Find the amount of liquid each container would have if if the total amount were redistributed equally.

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

					Each $\times$
×	×	×	×	×	
1/5	<sup>2</sup> / <sub>5</sub>	<sup>3</sup> / <sub>5</sub>	4/5	<sup>5</sup> / <sub>5</sub>	Piece

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

6) 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?

<u>Answers</u> 1. 6.

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



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

3) Mike 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?

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? liquid (in liters) in different containers.

$$\begin{array}{c} \times \\ \times \\ \times \\ \times \\ \end{array} = 1 \text{ Container}$$

Find the amount of liquid each container would have if if the total amount were redistributed equally.

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

					Each ×
×	×	×	×	×	
1/5	2/5	3/5	4/5	<sup>5</sup> / <sub>5</sub>	Piece

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

6) 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?

Answers  
1. 
$$\frac{19}{25}$$
  
2.  $\frac{5}{16}$   
3.  $\frac{20}{28} = \frac{5}{7}$   
4.  $\frac{15}{25} = \frac{3}{5}$   
5.  $\frac{19}{28}$   
6.  $\frac{19}{30}$ 

 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?

The line plot below shows the amount of water a plant received (in cups) over the course of {8} days.



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

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

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

2) Edward 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?

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

	×		Each $\times =$
	×	×	X
	×	×	<u> </u>
	×	×	Bottle
1/3	2/3	3/3	le

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 weight (in tons) of boxes on pallets.

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



 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?

The line plot below shows the amount of water a plant received (in cups) over the course of {8} days.

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

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

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

2) Edward 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?

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

	×		$Each \times$
	×	×	×
	×	×	1
	×	×	Bottle
1/3	2/3	3/3	le

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 weight (in tons) of boxes on pallets.

$$\frac{\times \times \times}{1/4} \xrightarrow{2/4} 3/4 4/4 = 1 \text{ Pallet}$$

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



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

$$\begin{array}{c} \times \\ \end{array} \\ \xrightarrow{1}_{3} \\ \xrightarrow{2}_{3} \\ \xrightarrow{3}_{3} \\ \xrightarrow{2}_{3} \\ \xrightarrow{3}_{3} \\ \xrightarrow{1}_{3} \\ \xrightarrow{1}_$$

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

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



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

(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?

2) The line plot below shows the amount of water a plant received (in cups) over the course of {7} days.

Name:

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 tons) of boxes on pallets.

	×				Each ×
×	×	×	×		
1/5	<sup>2</sup> / <sub>5</sub>	3/5	4/5	<sup>5</sup> / <sub>5</sub>	Pallet

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

5) The line plot below shows the weight 6) The line plot below shows the amount of liquid (in liters) in different containers.

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$$\begin{array}{c} \text{ch} \times \\ \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \times \\ \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \begin{array}{c} \times \\ \end{array} \xrightarrow{} \\ \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \xrightarrow{} \\ \end{array} \xrightarrow{} \\ } \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \xrightarrow{} \\ } \xrightarrow{} \\ \xrightarrow{} \\ \end{array} \xrightarrow{} \\ \xrightarrow{} \end{array} \xrightarrow{} \\ \xrightarrow{} \\ } \xrightarrow{} \end{array} \xrightarrow{} \\ \xrightarrow{} \end{array} \xrightarrow{} \\ \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \\ \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{} } \xrightarrow{} \end{array} \xrightarrow{}$$

Find the amount of liquid each container would have if if the total amount were redistributed equally.

Answers

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



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

(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?

2) The line plot below shows the amount of water a plant received (in cups) over the course of {7} 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 tons) of boxes on pallets.

					Each
×	× ×	×	×		× = 1 ]
1/5	2/5	3/5	4/5	5/5	Pallet

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

5) The line plot below shows the weight 6) The line plot below shows the amount of liquid (in liters) in different containers.

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$$\begin{array}{c} \text{ch} \times \\ \times \\ \times \\ \times \\ \end{array} \\ \times \\ 1_{4} \\ 2_{4} \\ 2_{4} \\ 2_{4} \\ 3_{4} \\ 4_{4} \\ \end{array}$$

Find the amount of liquid each container would have if if the total amount were redistributed equally.

1) The line plot below shows the weight (in 2) The line plot below shows the amount of kilograms) that each cabinet shelf is holding.

$$\begin{array}{cccc} & \times & \times & \\ \times & \times & \times & \\ \times & \times & \times & \\ \hline & & \times & \times & \\ \hline & & & 1_4' & 2_4' & 3_4' & 4_4' \end{array}$$
 Each  $\times$  I Shelf

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

3) The line plot below shows the amount of 4) The line plot below shows the weight (in liquid (in liters) in different containers.



Find the amount of liquid each container would have if if the total amount were redistributed equally.

water a plant received (in cups) over the course of {8} days. 

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

grams) of vitamin bottles.

×	×			Each × :
×	×	Х		= 1 E
1/4	2/4	3/4	4/4	Bottle

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

5) The line plot below shows the pounds of 6) The line plot below shows the weight (in candy a group of friends received.

Each 
$$\times$$
 = 1 friend  
 $\times$  × × × friend  
 $\frac{1}{3}$   $\frac{2}{3}$   $\frac{3}{3}$ 

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

tons) of boxes on pallets.

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

1) The line plot below shows the weight (in 2) The line plot below shows the amount of kilograms) that each cabinet shelf is holding.

Each × = 1 Shelf  
× × × ×  
× × × 
$$\frac{1}{4}$$
  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{4}{4}$ 

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

3) The line plot below shows the amount of 4) The line plot below shows the weight (in liquid (in liters) in different containers.



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grams) of vitamin bottles.

×	×			Each × =
×	×	×		- <sup>=</sup> 1 B
	2/4	3/4	4/4	Bottle

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