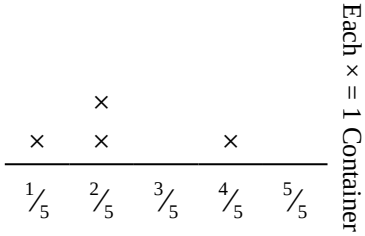
Distributing Line Plot Values

Name:

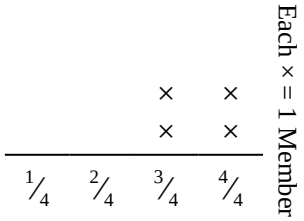
Solve each problem.

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



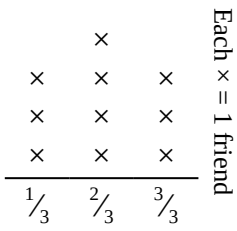
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



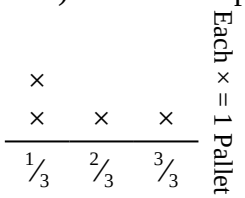
How far would each person have run if the distances were distributed evenly?

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



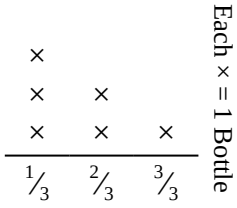
If they split the total amount of candy evenly, how much would each friend get?

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



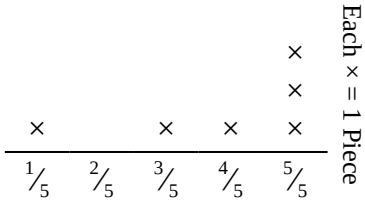
If the weight were redistributed evenly, how much weight would be on each pallet?

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) Vanessa 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?

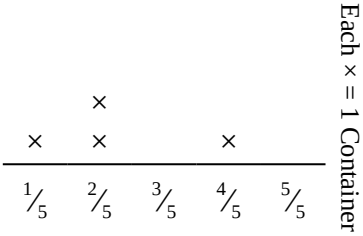
Answers

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

1-6	83	67	50	33	17	0

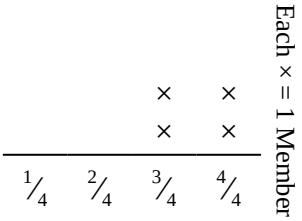
Solve each problem.

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



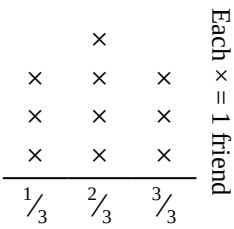
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



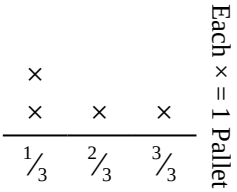
How far would each person have run if the distances were distributed evenly?

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



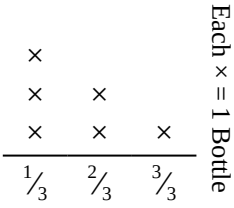
If they split the total amount of candy evenly, how much would each friend get?

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



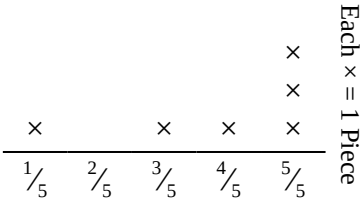
If the weight were redistributed evenly, how much weight would be on each pallet?

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) Vanessa 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?

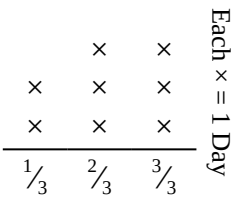
Answers

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. $\frac{23}{30}$

1-6	83	67	50	33	17	0

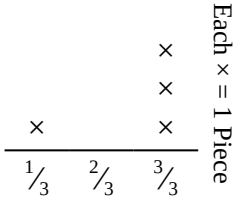
Solve each problem.

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



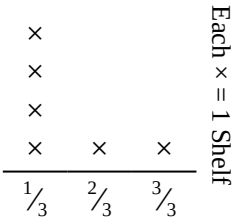
Find how many cups of water the plant would have received if it got the same amount each day.

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



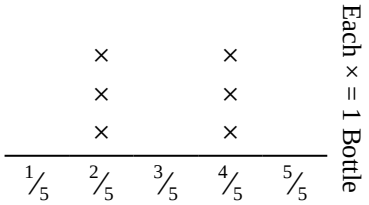
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



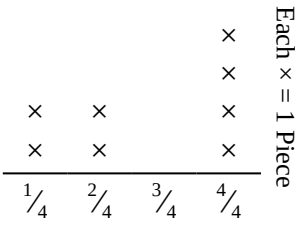
Find the amount of weight each shelf would have if the weight were redistributed equally.

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



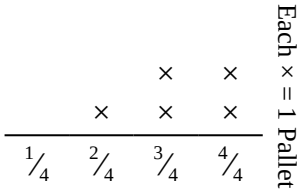
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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?

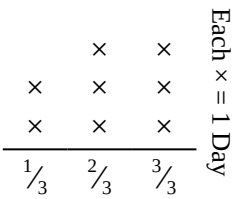
Answers

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

1-6	83	67	50	33	17	0

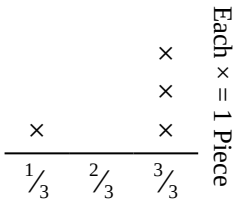
Solve each problem.

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



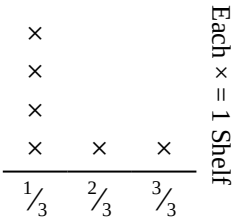
Find how many cups of water the plant would have received if it got the same amount each day.

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



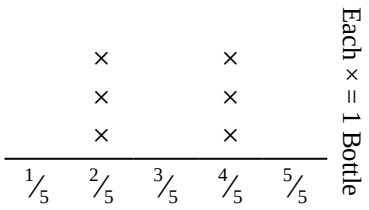
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



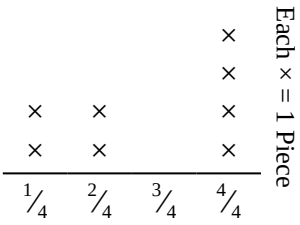
Find the amount of weight each shelf would have if the weight were redistributed equally.

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



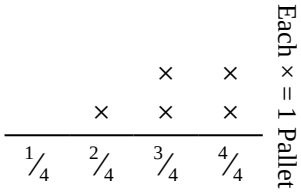
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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?

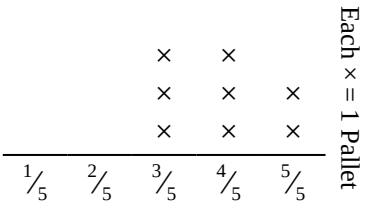
Answers

1. $\frac{17}{24}$
2. $\frac{10}{12} = \frac{5}{6}$
3. $\frac{9}{18} = \frac{1}{2}$
4. $\frac{18}{30} = \frac{3}{5}$
5. $\frac{22}{32} = \frac{11}{16}$
6. $\frac{16}{20} = \frac{4}{5}$

1-6	83	67	50	33	17	0

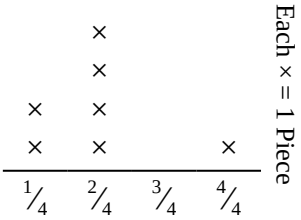
Solve each problem.

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



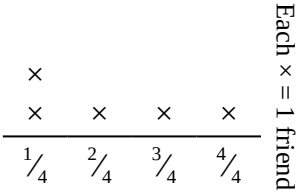
If the weight were redistributed evenly, how much weight would be on each pallet?

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



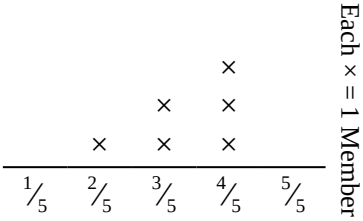
If he had cut the rope so each piece was the same length, how long would each piece be?

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



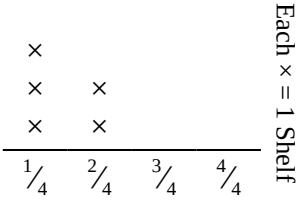
If they split the total amount of candy evenly, how much would each friend get?

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



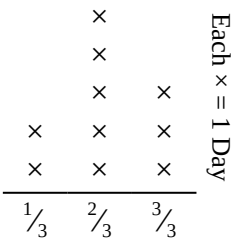
How far would each person have run if the distances were distributed evenly?

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.

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



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

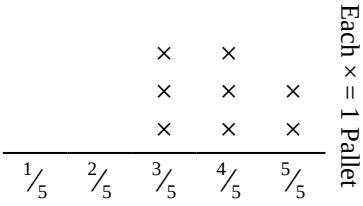
Answers

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

1-6	83	67	50	33	17	0

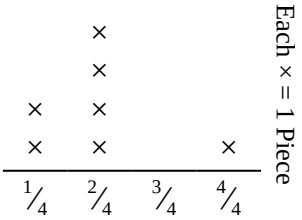
Solve each problem.

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



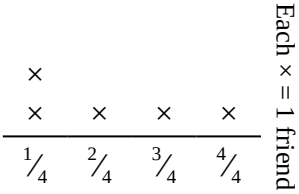
If the weight were redistributed evenly, how much weight would be on each pallet?

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



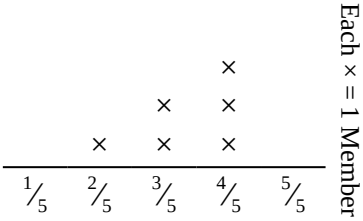
If he had cut the rope so each piece was the same length, how long would each piece be?

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



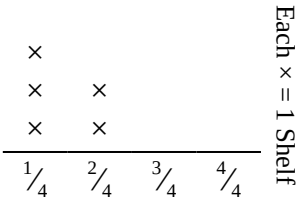
If they split the total amount of candy evenly, how much would each friend get?

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



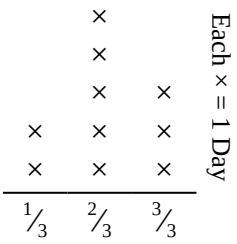
How far would each person have run if the distances were distributed evenly?

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.

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



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

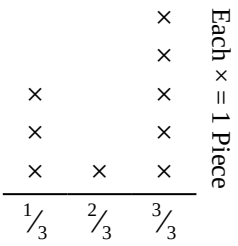
Answers

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. $\frac{21}{30} = \frac{7}{10}$

1-6	83	67	50	33	17	0

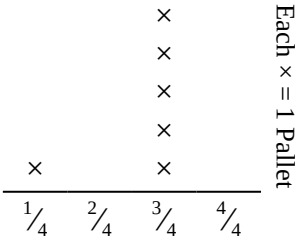
Solve each problem.

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



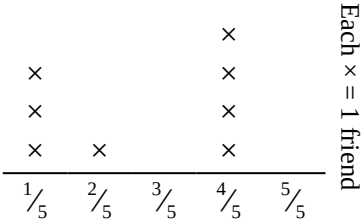
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



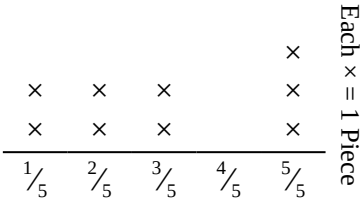
If the weight were redistributed evenly, how much weight would be on each pallet?

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



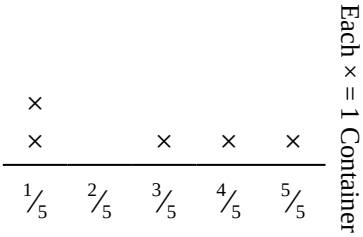
If they split the total amount of candy evenly, how much would each friend get?

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



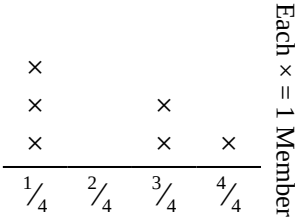
If he had cut the rope so each piece was the same length, how long would each piece be?

5) The line plot below shows the 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.

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?

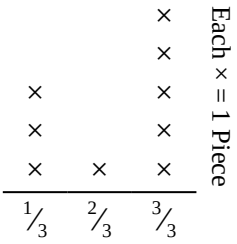
Answers

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

1-6	83	67	50	33	17	0

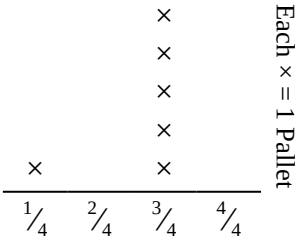
Solve each problem.

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



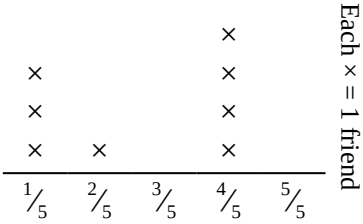
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



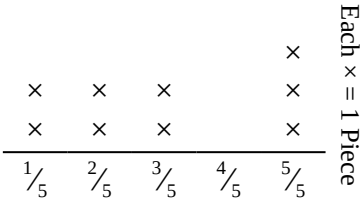
If the weight were redistributed evenly, how much weight would be on each pallet?

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



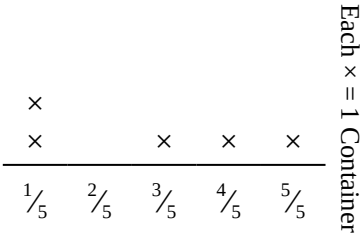
If they split the total amount of candy evenly, how much would each friend get?

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



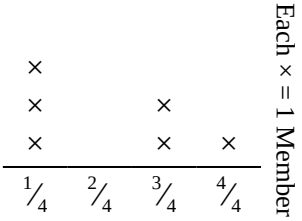
If he had cut the rope so each piece was the same length, how long would each piece be?

5) The line plot below shows the 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.

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?

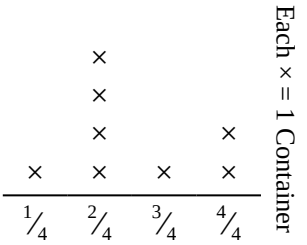
Answers

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

1-6	83	67	50	33	17	0

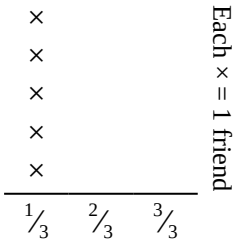
Solve each problem.

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



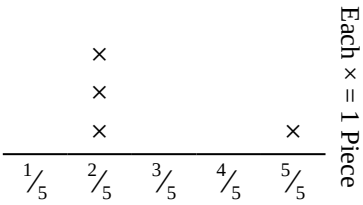
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



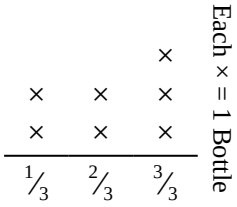
If they split the total amount of candy evenly, how much would each friend get?

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



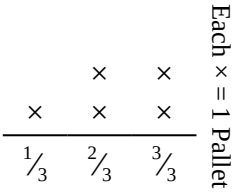
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



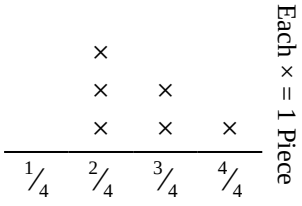
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

6) 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?

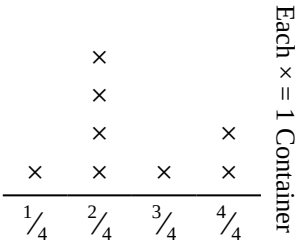
Answers

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

1-6	83	67	50	33	17	0

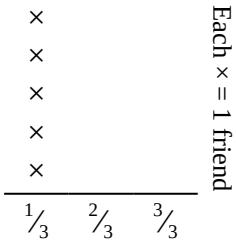
Solve each problem.

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



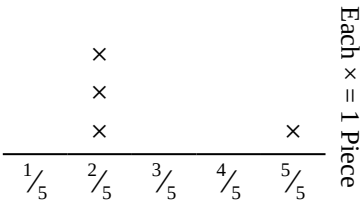
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



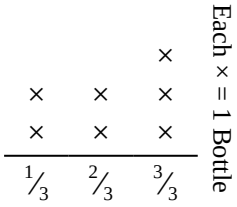
If they split the total amount of candy evenly, how much would each friend get?

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



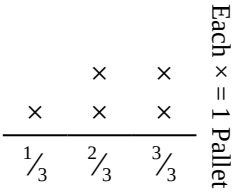
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



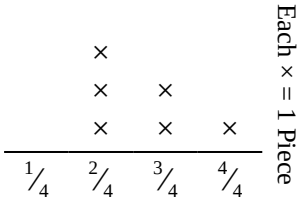
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

6) 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?

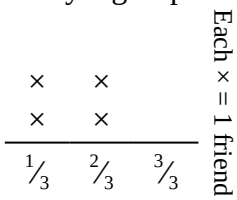
Answers

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. $\frac{11}{15}$
6. $\frac{16}{24} = \frac{2}{3}$

1-6	83	67	50	33	17	0

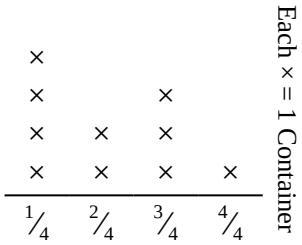
Solve each problem.

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



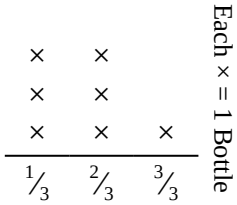
If they split the total amount of candy evenly, how much would each friend get?

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



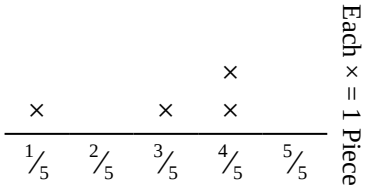
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



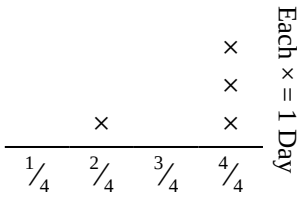
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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



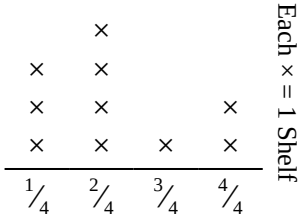
If he had cut the rope so each piece was the same length, how long would each piece be?

5) The line plot below shows the amount of water a plant received (in cups) over the course of {4} 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 kilograms) that each cabinet shelf is holding.



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

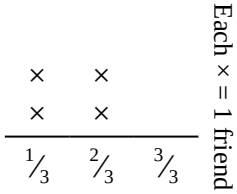
Answers

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

1-6	83	67	50	33	17	0

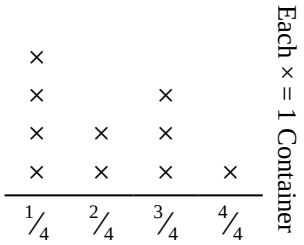
Solve each problem.

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



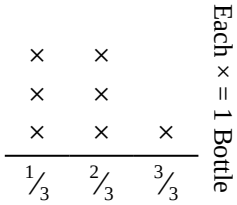
If they split the total amount of candy evenly, how much would each friend get?

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



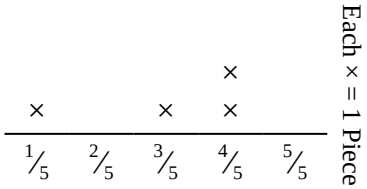
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



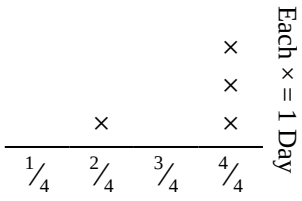
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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



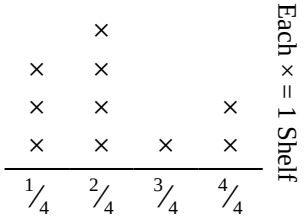
If he had cut the rope so each piece was the same length, how long would each piece be?

5) The line plot below shows the amount of water a plant received (in cups) over the course of {4} 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 kilograms) that each cabinet shelf is holding.



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

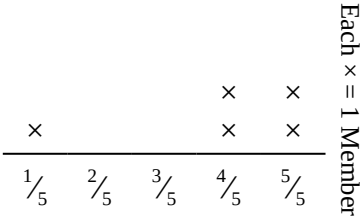
Answers

1. $\frac{6}{12} = \frac{1}{2}$
2. $\frac{21}{40}$
3. $\frac{12}{21} = \frac{4}{7}$
4. $\frac{12}{20} = \frac{3}{5}$
5. $\frac{14}{16} = \frac{7}{8}$
6. $\frac{22}{40} = \frac{11}{20}$

1-6	83	67	50	33	17	0

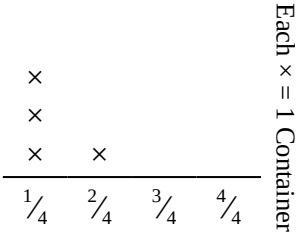
Solve each problem.

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



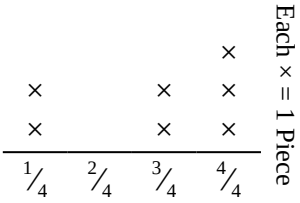
How far would each person have run if the distances were distributed evenly?

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



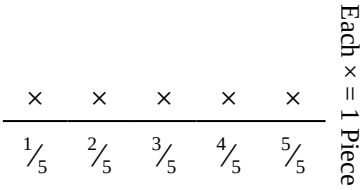
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



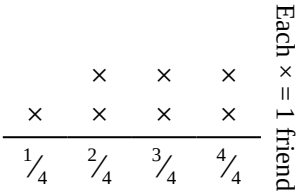
If he had cut the rope so each piece was the same length, how long would each piece be?

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



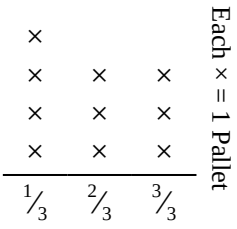
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



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

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?

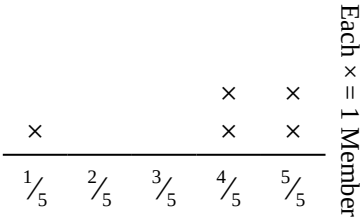
Answers

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

1-6	83	67	50	33	17	0

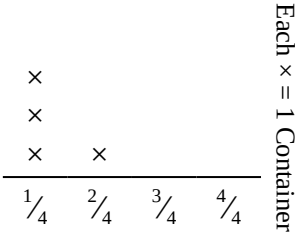
Solve each problem.

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



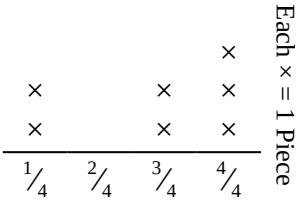
How far would each person have run if the distances were distributed evenly?

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



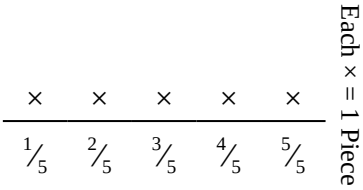
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



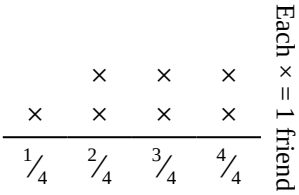
If he had cut the rope so each piece was the same length, how long would each piece be?

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



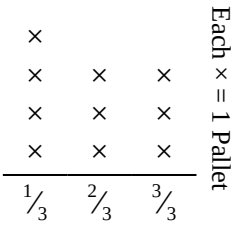
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



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

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?

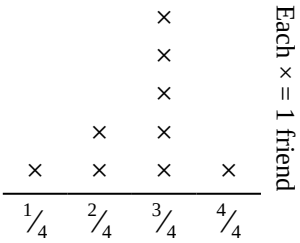
Answers

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. $\frac{19}{30}$

1-6	83	67	50	33	17	0

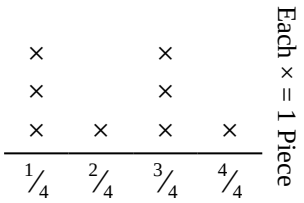
Solve each problem.

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



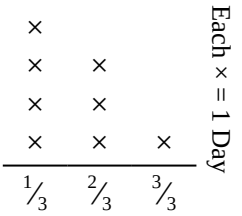
If they split the total amount of candy evenly, how much would each friend get?

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



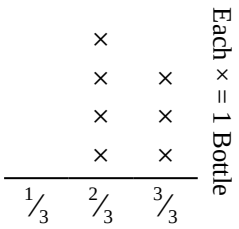
If he had cut the rope so each piece was the same length, how long would each piece be?

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



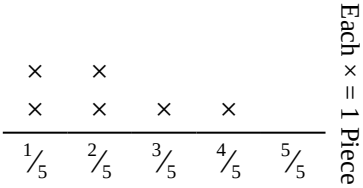
Find how many cups of water the plant would have received if it got the same amount each day.

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



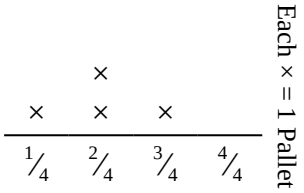
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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?

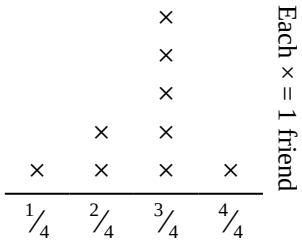
Answers

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

1-6	83	67	50	33	17	0

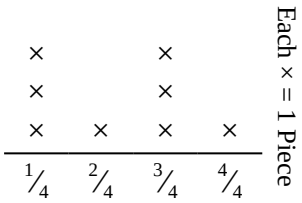
Solve each problem.

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



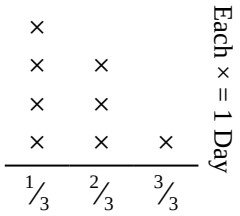
If they split the total amount of candy evenly, how much would each friend get?

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



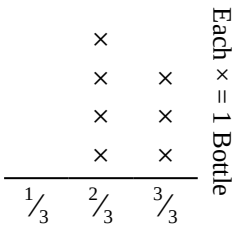
If he had cut the rope so each piece was the same length, how long would each piece be?

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



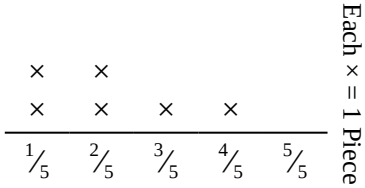
Find how many cups of water the plant would have received if it got the same amount each day.

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



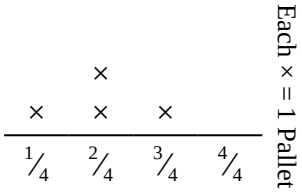
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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?

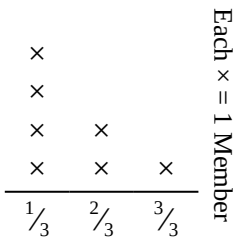
Answers

1. $\frac{24}{36} = \frac{2}{3}$
2. $\frac{18}{32} = \frac{9}{16}$
3. $\frac{13}{24}$
4. $\frac{17}{21}$
5. $\frac{13}{30}$
6. $\frac{8}{16} = \frac{1}{2}$

1-6	83	67	50	33	17	0

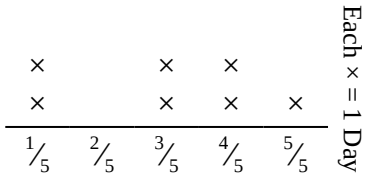
Solve each problem.

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



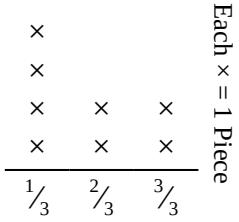
How far would each person have run if the distances were distributed evenly?

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



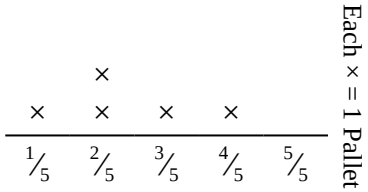
Find how many cups of water the plant would have received if it got the same amount each day.

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



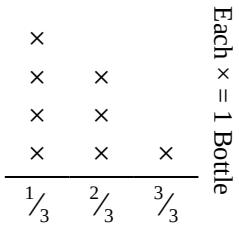
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



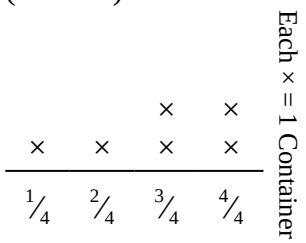
If the weight were redistributed evenly, how much weight would be on each pallet?

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 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.

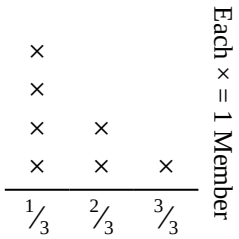
Answers

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

1-6	83	67	50	33	17	0

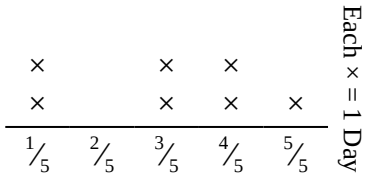
Solve each problem.

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



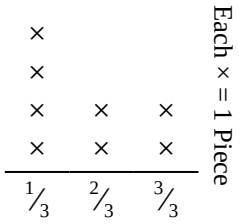
How far would each person have run if the distances were distributed evenly?

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



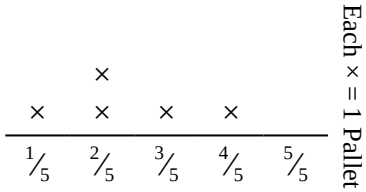
Find how many cups of water the plant would have received if it got the same amount each day.

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



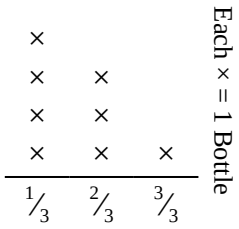
If she had tore the sheet into equal sized pieces, how long would each piece be?

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



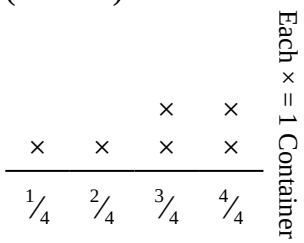
If the weight were redistributed evenly, how much weight would be on each pallet?

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 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.

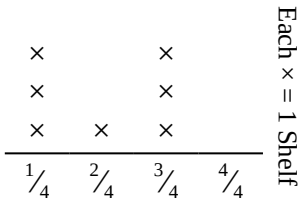
Answers

1. $\frac{11}{21}$
2. $\frac{21}{35} = \frac{3}{5}$
3. $\frac{14}{24} = \frac{7}{12}$
4. $\frac{12}{25}$
5. $\frac{13}{24}$
6. $\frac{17}{24}$

1-6	83	67	50	33	17	0

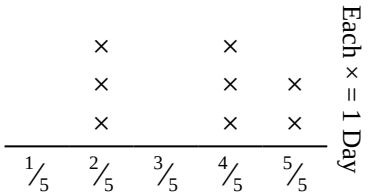
Solve each problem.

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



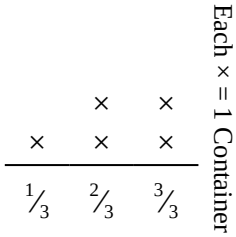
Find the amount of weight each shelf would have if the weight were redistributed equally.

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



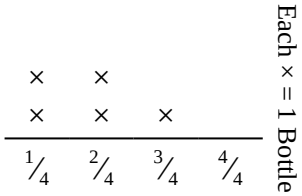
Find how many cups of water the plant would have received if it got the same amount each day.

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



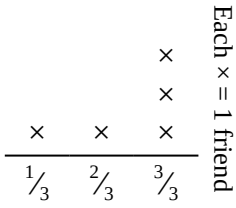
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



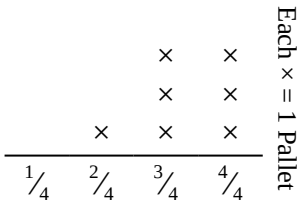
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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?

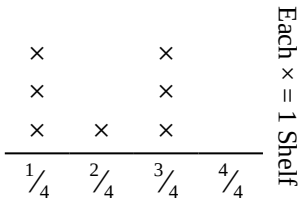
Answers

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

1-6	83	67	50	33	17	0

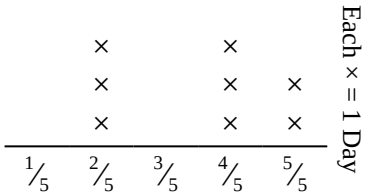
Solve each problem.

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



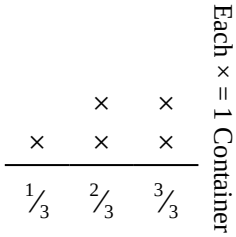
Find the amount of weight each shelf would have if the weight were redistributed equally.

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



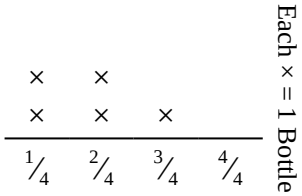
Find how many cups of water the plant would have received if it got the same amount each day.

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



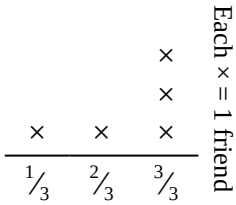
Find the amount of liquid each container would have if if the total amount were redistributed equally.

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



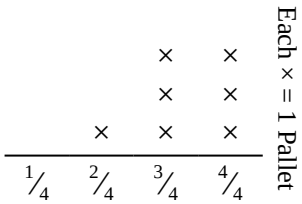
If you were to redistribute the vitamins, so each bottle weighed the same amount, how heavy would each bottle be?

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?

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. $\frac{14}{28} = \frac{1}{2}$
2. $\frac{28}{40} = \frac{7}{10}$
3. $\frac{11}{15}$
4. $\frac{9}{20}$
5. $\frac{12}{15} = \frac{4}{5}$
6. $\frac{23}{28}$

1-6	83	67	50	33	17	0