Unit Fraction Word Problems

Name:

Solve each problem.

1) A lawn mowing company had to mow one-third of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?

2) At the end of the day a restaurant had one-sixth of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?

3) A moving company had one-eighth of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?

4) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

5) A malt shop used one-third of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

6) A farmer was dividing up his one-ninth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

7) At a restaurant 4 people were at a table when the waiter brought out one-third of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

8) A small book took one-fifth of a ream of paper to make. How many books could be made with 8 whole reams of paper?

9) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-ninth of a box?

10) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

11) A glass of water was one-third of a liter. How many glasses would it take to fill up a 5 liter jug?

12) Paul had to write 3 pages for a book report. How many hours would it take him to write it if he wrote one-fifth of a page each hour?

13) A container of 9 metal beams weighed one-fifth of a ton. If every beam weighed the same amount, how heavy was each?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

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Answers

1. $\frac{1}{12}$
2. $\frac{1}{36}$
3. $\frac{1}{32}$
4. **36**
5. **12**
6. $\frac{1}{63}$
7. $\frac{1}{12}$
8. **40**
9. **18**
10. $\frac{1}{35}$
11. **15**
12. **15**
13. $\frac{1}{45}$

1-10	92	85	77	69	62	54	46	38	31	23
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12	$1/32$	$1/36$	18	36
$1/35$	$1/12$	40	$1/63$	$1/12$

1) A lawn mowing company had to mow $1/3$ of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?

2) At the end of the day a restaurant had $1/6$ of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?

3) A moving company had $1/8$ of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?

4) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used $1/9$ of a potato?

5) A malt shop used $1/3$ of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

6) A farmer was dividing up his $1/9$ of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

7) At a restaurant 4 people were at a table when the waiter brought out $1/3$ of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

8) A small book took $1/5$ of a ream of paper to make. How many books could be made with 8 whole reams of paper?

9) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold $1/9$ of a box?

10) A chef used $1/5$ of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0