Unit Fraction Word Problems

Name:

Solve each problem.

1) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-half of a potato?

2) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 3 liter jug?

3) Haley had picked 5 bags of oranges. How many glasses of orange juice could she make if each glass took one-fifth of a bag?

4) At a restaurant 2 people were at a table when the waiter brought out one-half of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

5) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?

6) A small book took one-half of a ream of paper to make. How many books could be made with 2 whole reams of paper?

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

8) A bakery used one-fifth of a bag of chocolate chips to make 2 batches of cookies. How much of the bag did they use for each batch?

9) A toy plush weighed one-sixth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

10) Oliver used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?

11) A lawn mowing company had to mow one-third of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

12) Tiffany wanted her box of candy to last 9 days. If the box weighs one-third of pound, how much should she eat each day?

13) A sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?

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							

Unit Fraction Word Problems

Name: **Answer Key**

Solve each problem.

1) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-half of a potato?

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Answers

1. 16
2. 27
3. 25
4. $\frac{1}{4}$
5. $\frac{1}{21}$
6. 4
7. 54
8. $\frac{1}{10}$
9. 42
10. $\frac{1}{63}$
11. $\frac{1}{6}$
12. $\frac{1}{27}$
13. $\frac{1}{32}$

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

Unit Fraction Word Problems

Name:

Solve each problem.

$\frac{1}{21}$	16	$\frac{1}{63}$	$\frac{1}{10}$	27
$\frac{1}{4}$	54	42	4	25

1) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used $^1/_2$ of a potato?

2) A glass of water was $^1/_9$ of a liter. How many glasses would it take to fill up a 3 liter jug?

3) Haley had picked 5 bags of oranges. How many glasses of orange juice could she make if each glass took $^1/_5$ of a bag?

4) At a restaurant 2 people were at a table when the waiter brought out $^1/_2$ of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

5) A chef used $^1/_7$ of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?

6) A small book took $^1/_2$ of a ream of paper to make. How many books could be made with 2 whole reams of paper?

7) A store had 9 boxes of video games. How many days would it take to sell the games if each day they sold $^1/_6$ of a box?

8) A bakery used $^1/_5$ of a bag of chocolate chips to make 2 batches of cookies. How much of the bag did they use for each batch?

9) A toy plush weighed $^1/_6$ of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

10) Oliver used $^1/_7$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?

Answers

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

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