Unit Fraction Word Problems

Name:

Solve each problem.

1) A sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?

2) A moving company had one-fifth of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?

3) A car wash had to make their soap last 3 days. If they only have one-eighth of a gallon of soap, how much should they use each day so it lasts 3 days?

4) A bulldozer could carry one-fifth of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?

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

6) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-fifth of a can?

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

8) How many one-ninth cup servings are in 3 cups of pecans?

9) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

10) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 8 people, what fraction of the bag did each person get?

11) A store had 5 boxes of video games. How many days would it take to sell the games if each day they sold one-eighth of a box?

12) Debby wanted her box of candy to last 7 days. If the box weighs one-third of pound, how much should she eat each day?

13) Paul used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 5 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	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 sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?

2) A moving company had one-fifth of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?

3) A car wash had to make their soap last 3 days. If they only have one-eighth of a gallon of soap, how much should they use each day so it lasts 3 days?

4) A bulldozer could carry one-fifth of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?

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

6) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-fifth of a can?

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

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11) A store had 5 boxes of video games. How many days would it take to sell the games if each day they sold one-eighth of a box?

12) Debby wanted her box of candy to last 7 days. If the box weighs one-third of pound, how much should she eat each day?

13) Paul used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 5 smaller glasses how much sugar would be in each glass?

Answers

1. $\frac{1}{8}$
2. $\frac{1}{10}$
3. $\frac{1}{24}$
4. **30**
5. **15**
6. **35**
7. **16**
8. **27**
9. $\frac{1}{40}$
10. $\frac{1}{56}$
11. **40**
12. $\frac{1}{21}$
13. $\frac{1}{35}$

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.

16	30	$\frac{1}{56}$	$\frac{1}{10}$	$\frac{1}{8}$
15	27	35	$\frac{1}{24}$	$\frac{1}{40}$

1) A sub shop sold sandwiches that were $^1/_4$ of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?

2) A moving company had $^1/_5$ of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?

3) A car wash had to make their soap last 3 days. If they only have $^1/_8$ of a gallon of soap, how much should they use each day so it lasts 3 days?

4) A bulldozer could carry $^1/_5$ of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?

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

6) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took $^1/_5$ of a can?

7) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used $^1/_4$ of a potato?

8) How many $^1/_9$ cup servings are in 3 cups of pecans?

9) A lawn mowing company had to mow $^1/_5$ of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

10) A chef used $^1/_7$ of a bag of potatoes for a meal. If the potatoes fed 8 people, what fraction of the bag did each person get?

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