



Unit Fraction Word Problems

Name: _____

Solve each problem.

- 1) Olivia had picked 5 bags of oranges. How many glasses of orange juice could she make if each glass took one-sixth of a bag?
- 2) A bakery used one-quarter of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 3) A lawn mowing company had to mow one-quarter of a mile of grass. To make it quicker, they split the amount evenly between 7 workers. What fraction of the mile did each person mow?
- 4) Billy used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
- 5) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?
- 6) How many one-half cup servings are in 7 cups of pecans?

- 7) A car wash had to make their soap last 9 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 9 days?
- 8) A group of 4 friends bought a one-half of a pound of bubblegum. If they split it equally, how much would each friend get?
- 9) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 10) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-third of a can?
- 11) At a restaurant 6 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?
- 12) A bulldozer could carry one-quarter of a ton of sand. If a park needed 9 tons of sand, how many loads would the bulldozer need to carry?
- 13) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

Answers

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



Solve each problem.

- 1) Olivia had picked 5 bags of oranges. How many glasses of orange juice could she make if each glass took one-sixth of a bag?
- 2) A bakery used one-quarter of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 3) A lawn mowing company had to mow one-quarter of a mile of grass. To make it quicker, they split the amount evenly between 7 workers. What fraction of the mile did each person mow?
- 4) Billy used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
- 5) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?
- 6) How many one-half cup servings are in 7 cups of pecans?
- 7) A car wash had to make their soap last 9 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 9 days?
- 8) A group of 4 friends bought a one-half of a pound of bubblegum. If they split it equally, how much would each friend get?
- 9) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 10) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-third of a can?
- 11) At a restaurant 6 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?
- 12) A bulldozer could carry one-quarter of a ton of sand. If a park needed 9 tons of sand, how many loads would the bulldozer need to carry?
- 13) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

Answers1. **30** **$\frac{1}{28}$** **$\frac{1}{28}$** **$\frac{1}{20}$** **36****14** **$\frac{1}{27}$** **$\frac{1}{8}$** **$\frac{1}{16}$** **18** **$\frac{1}{12}$** **36****10**



Unit Fraction Word Problems

Name: _____

Solve each problem.

14

$\frac{1}{8}$

30

18

36

$\frac{1}{16}$

$\frac{1}{20}$

$\frac{1}{28}$

$\frac{1}{28}$

$\frac{1}{27}$

Answers

- 1) Olivia had picked 5 bags of oranges. How many glasses of orange juice could she make if each glass took $\frac{1}{6}$ of a bag?
- 2) A bakery used $\frac{1}{4}$ of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 3) A lawn mowing company had to mow $\frac{1}{4}$ of a mile of grass. To make it quicker, they split the amount evenly between 7 workers. What fraction of the mile did each person mow?
- 4) Billy used $\frac{1}{5}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
- 5) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{9}$ of a potato?
- 6) How many $\frac{1}{2}$ cup servings are in 7 cups of pecans?
- 7) A car wash had to make their soap last 9 days. If they only have $\frac{1}{3}$ of a gallon of soap, how much should they use each day so it lasts 9 days?
- 8) A group of 4 friends bought a $\frac{1}{2}$ of a pound of bubblegum. If they split it equally, how much would each friend get?
- 9) A sub shop sold sandwiches that were $\frac{1}{2}$ of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 10) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took $\frac{1}{3}$ of a can?

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