



Unit Fraction Word Problems

Name: _____

Solve each problem.

- 1) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-ninth of a can?
1. _____
- 2) A bulldozer could carry one-seventh of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?
2. _____
- 3) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?
3. _____
- 4) A container of 8 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?
4. _____
- 5) A moving company had one-fifth of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?
5. _____
- 6) A car wash had to make their soap last 2 days. If they only have one-half of a gallon of soap, how much should they use each day so it lasts 2 days?
6. _____
- 7) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 2 liter jug?
7. _____
- 8) How many one-half cup servings are in 6 cups of pecans?
8. _____
- 9) Will used one-quarter 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?
9. _____
- 10) Sarah had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-seventh of a bag?
10. _____
- 11) A sub shop sold sandwiches that were one-seventh of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
11. _____
- 12) Ned had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour?
12. _____
- 13) A bakery used one-seventh of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?
13. _____

Answers



Solve each problem.

- 1) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-ninth of a can?
1. **63**
- 2) A bulldozer could carry one-seventh of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?
2. **49**
- 3) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?
3. **$\frac{1}{20}$**
- 4) A container of 8 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?
4. **$\frac{1}{48}$**
- 5) A moving company had one-fifth of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?
5. **$\frac{1}{40}$**
- 6) A car wash had to make their soap last 2 days. If they only have one-half of a gallon of soap, how much should they use each day so it lasts 2 days?
6. **$\frac{1}{4}$**
- 7) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 2 liter jug?
7. **18**
- 8) How many one-half cup servings are in 6 cups of pecans?
8. **12**
- 9) Will used one-quarter 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?
9. **$\frac{1}{20}$**
- 10) Sarah had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-seventh of a bag?
10. **56**
- 11) A sub shop sold sandwiches that were one-seventh of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
11. **$\frac{1}{35}$**
- 12) Ned had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour?
12. **28**
- 13) A bakery used one-seventh of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?
13. **$\frac{1}{56}$**

Answers



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Name: _____

Solve each problem.

$$\frac{1}{20}$$

56

$$\frac{1}{48}$$

$$\frac{1}{40}$$

12

$$49$$

63

$$\frac{1}{20}$$

$$\frac{1}{18}$$

$$\frac{1}{4}$$

- 1) A pizzeria had 7 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took $\frac{1}{9}$ of a can?

- 2) A bulldozer could carry $\frac{1}{7}$ of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

- 3) A chef used $\frac{1}{5}$ of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?

- 4) A container of 8 metal beams weighed $\frac{1}{6}$ of a ton. If every beam weighed the same amount, how heavy was each?

- 5) A moving company had $\frac{1}{5}$ of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?

- 6) A car wash had to make their soap last 2 days. If they only have $\frac{1}{2}$ of a gallon of soap, how much should they use each day so it lasts 2 days?

- 7) A glass of water was $\frac{1}{9}$ of a liter. How many glasses would it take to fill up a 2 liter jug?

- 8) How many $\frac{1}{2}$ cup servings are in 6 cups of pecans?

- 9) Will used $\frac{1}{4}$ 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?

- 10) Sarah had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took $\frac{1}{7}$ of a bag?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____