



Unit Fraction Word Problems

Name: _____

Solve each problem.

- 1) A pet store had 6 cats to feed. If they only had one-sixth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 2) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 2 people, what fraction of the bag did each person get?
- 3) A group of 4 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 4) Paige was trying to collect 2 pounds of cans to recycle. If she collects one-sixth of a pound each day, how many days will it take to collect 2 pounds?
- 5) Luke used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?
- 6) How many one-ninth cup servings are in 9 cups of pecans?
- 7) An aquarium had 5 tons of fish food. How many months would it take them to use it all if they used one-eighth of a ton each month?
- 8) A car wash had to make their soap last 6 days. If they only have one-eighth of a gallon of soap, how much should they use each day so it lasts 6 days?
- 9) A toy plush weighed one-fifth of a pound. A flimsy box can hold 4 pounds. How many toy pluses could the box hold?
- 10) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-seventh of a can?
- 11) A moving company had one-eighth of a ton of weight to move across town. If they wanted to split it equally amongst 3 trips, how much weight would they have on each trip?
- 12) 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?
- 13) A water hose used one-quarter of a gallon of water every second. If Bianca need to fill up 9 gallon sized containers, how many seconds would it take?

Answers

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



Unit Fraction Word Problems

Name: **Answer Key**

Solve each problem.

- 1) A pet store had 6 cats to feed. If they only had one-sixth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 2) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 2 people, what fraction of the bag did each person get?
- 3) A group of 4 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 4) Paige was trying to collect 2 pounds of cans to recycle. If she collects one-sixth of a pound each day, how many days will it take to collect 2 pounds?
- 5) Luke used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?
- 6) How many one-ninth cup servings are in 9 cups of pecans?
- 7) An aquarium had 5 tons of fish food. How many months would it take them to use it all if they used one-eighth of a ton each month?
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- 12) 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?
- 13) A water hose used one-quarter of a gallon of water every second. If Bianca need to fill up 9 gallon sized containers, how many seconds would it take?

Answers

1. $\frac{1}{36}$
2. $\frac{1}{14}$
3. $\frac{1}{36}$
4. 12
5. $\frac{1}{12}$
6. 81
7. 40
8. $\frac{1}{48}$
9. 20
10. 63
11. $\frac{1}{24}$
12. $\frac{1}{28}$
13. 36



Unit Fraction Word Problems

Name: _____

Solve each problem.

$$\frac{1}{36}$$

40

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

$$\frac{1}{12}$$

12

$$81$$

63

$$\frac{1}{36}$$

20

$$\frac{1}{14}$$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

- 1) A pet store had 6 cats to feed. If they only had $\frac{1}{6}$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

- 2) A chef used $\frac{1}{7}$ of a bag of potatoes for a meal. If the potatoes fed 2 people, what fraction of the bag did each person get?

- 3) A group of 4 friends bought a $\frac{1}{9}$ of a pound of bubblegum. If they split it equally, how much would each friend get?

- 4) Paige was trying to collect 2 pounds of cans to recycle. If she collects $\frac{1}{6}$ of a pound each day, how many days will it take to collect 2 pounds?

- 5) Luke used $\frac{1}{6}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?

- 6) How many $\frac{1}{9}$ cup servings are in 9 cups of pecans?

- 7) An aquarium had 5 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{8}$ of a ton each month?

- 8) A car wash had to make their soap last 6 days. If they only have $\frac{1}{8}$ of a gallon of soap, how much should they use each day so it lasts 6 days?

- 9) A toy plush weighed $\frac{1}{5}$ of a pound. A flimsy box can hold 4 pounds. How many toy pluses could the box hold?

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