Unit Fraction Word Problems

Name:

Solve each problem.

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

2) A malt shop used one-seventh of a box of waffle cones every day they were open. How many days would 9 whole boxes last them?

3) At the end of the day a restaurant had one-quarter of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

4) Isabel wanted her box of candy to last 8 days. If the box weighs one-fifth of pound, how much should she eat each day?

5) A bag of walnuts was 6 pounds. How many one-sixth of a pound servings are there in a bag?

6) A container of 7 metal beams weighed one-ninth of a ton. If every beam weighed the same amount, how heavy was each?

7) Haley was trying to collect 6 pounds of cans to recycle. If she collects one-sixth of a pound each day, how many days will it take to collect 6 pounds?

8) A bulldozer could carry one-ninth of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

9) An artist was able to draw one-seventh of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?

10) John had to write 5 pages for a book report. How many hours would it take him to write it if he wrote one-ninth of a page each hour?

11) How many one-eighth cup servings are in 2 cups of pecans?

12) Jerry used one-ninth 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?

13) A chef used one-half of a bag of potatoes for a meal. If the potatoes fed 4 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	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 car wash had to make their soap last 2 days. If they only have one-fifth of a gallon of soap, how much should they use each day so it lasts 2 days?

2) A malt shop used one-seventh of a box of waffle cones every day they were open. How many days would 9 whole boxes last them?

3) At the end of the day a restaurant had one-quarter of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

4) Isabel wanted her box of candy to last 8 days. If the box weighs one-fifth of pound, how much should she eat each day?

5) A bag of walnuts was 6 pounds. How many one-sixth of a pound servings are there in a bag?

6) A container of 7 metal beams weighed one-ninth of a ton. If every beam weighed the same amount, how heavy was each?

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13) A chef used one-half of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?

Answers

1. $\frac{1}{10}$
2. **63**
3. $\frac{1}{32}$
4. $\frac{1}{40}$
5. **36**
6. $\frac{1}{63}$
7. **36**
8. **63**
9. **63**
10. **45**
11. **16**
12. $\frac{1}{81}$
13. $\frac{1}{8}$

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.

36	45	$\frac{1}{63}$	$\frac{1}{10}$	36
63	$\frac{1}{32}$	$\frac{1}{40}$	63	63

1) A car wash had to make their soap last 2 days. If they only have $^1/_5$ of a gallon of soap, how much should they use each day so it lasts 2 days?

2) A malt shop used $^1/_7$ of a box of waffle cones every day they were open. How many days would 9 whole boxes last them?

3) At the end of the day a restaurant had $^1/_4$ of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

4) Isabel wanted her box of candy to last 8 days. If the box weighs $^1/_5$ of pound, how much should she eat each day?

5) A bag of walnuts was 6 pounds. How many $^1/_6$ of a pound servings are there in a bag?

6) A container of 7 metal beams weighed $^1/_9$ of a ton. If every beam weighed the same amount, how heavy was each?

7) Haley was trying to collect 6 pounds of cans to recycle. If she collects $^1/_6$ of a pound each day, how many days will it take to collect 6 pounds?

8) A bulldozer could carry $^1/_9$ of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

9) An artist was able to draw $^1/_7$ of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?

10) John had to write 5 pages for a book report. How many hours would it take him to write it if he wrote $^1/_9$ of a page each hour?

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