Unit Fraction Word Problems

Name: _____

Solve each problem.

1) An aquarium had 8 tons of fish food. How many months would it take them to use it all if they used one-quarter of a ton each month?

1. _____

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

2. _____

3. _____

3) Sarah wanted her box of candy to last 2 days. If the box weighs one-seventh of pound, how much should she eat each day?

4. _____

4) A bulldozer could carry one-third of a ton of sand. If a park needed 3 tons of sand, how many loads would the bulldozer need to carry?

5. _____

6. _____

5) A small book took one-sixth of a ream of paper to make. How many books could be made with 2 whole reams of paper?

7. _____

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

8. _____

9. _____

7) A bag of walnuts was 7 pounds. How many one-fifth of a pound servings are there in a bag?

10. _____

8) At the end of the day a restaurant had one-third of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?

11. _____

12. _____

9) A glass of water was one-third of a liter. How many glasses would it take to fill up a 9 liter jug?

13. _____

10) A store had 7 boxes of video games. How many days would it take to sell the games if each day they sold one-third of a box?

11) A toy plush weighed one-fifth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

12) A pet store had 8 cats to feed. If they only had one-quarter of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

13) A sub shop sold sandwiches that were one-ninth of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?

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1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

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1.	**32**
2.	$\frac{1}{9}$
3.	$\frac{1}{14}$
4.	**9**
5.	**12**
6.	$\frac{1}{36}$
7.	**35**
8.	$\frac{1}{18}$
9.	**27**
10.	**21**
11.	**35**
12.	$\frac{1}{32}$
13.	$\frac{1}{54}$

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11-13	15	8	0							

Unit Fraction Word Problems

Name:

Solve each problem.

Answers

1) An aquarium had 8 tons of fish food. How many months would it take them to use it all if they used $^{1}/_{4}$ of a ton each month?

1. _____

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

2. _____

3) Sarah wanted her box of candy to last 2 days. If the box weighs $^{1}/_{7}$ of pound, how much should she eat each day?

3. _____

4. _____

4) A bulldozer could carry $^{1}/_{3}$ of a ton of sand. If a park needed 3 tons of sand, how many loads would the bulldozer need to carry?

5. _____

6. _____

5) A small book took $^{1}/_{6}$ of a ream of paper to make. How many books could be made with 2 whole reams of paper?

7. _____

8. _____

6) A lawn mowing company had to mow $^{1}/_{4}$ of a mile of grass. To make it quicker, they split the amount evenly between 9 workers. What fraction of the mile did each person mow?

9. _____

7) A bag of walnuts was 7 pounds. How many $^{1}/_{5}$ of a pound servings are there in a bag?

10. _____

8) At the end of the day a restaurant had $^{1}/_{3}$ of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?

9) A glass of water was $^{1}/_{3}$ of a liter. How many glasses would it take to fill up a 9 liter jug?

10) A store had 7 boxes of video games. How many days would it take to sell the games if each day they sold $^{1}/_{3}$ of a box?