Unit Fraction Word Problems

Name: _____

Solve each problem.

1) A bag of walnuts was 2 pounds. How many one-half of a pound servings are there in a bag?

1. _____

2) An aquarium had 6 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?

2. _____

3. _____

3) A farmer was dividing up his one-sixth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

4. _____

4) How many one-third cup servings are in 6 cups of pecans?

5. _____

6. _____

5) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-quarter of a box?

7. _____

6) A pet store had 9 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?

8. _____

9. _____

7) Haley was trying to collect 5 pounds of cans to recycle. If she collects one-eighth of a pound each day, how many days will it take to collect 5 pounds?

10. _____

8) A group of 8 friends bought a one-fifth of a pound of bubblegum. If they split it equally, how much would each friend get?

11. _____

12. _____

9) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-seventh of a potato?

13. _____

10) At a restaurant 7 people were at a table when the waiter brought out one-third of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

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

13) George used one-eighth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?

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

Name: **Answer Key**

Solve each problem.

Answers

1) A bag of walnuts was 2 pounds. How many one-half of a pound servings are there in a bag?

1. ___**4**___

2) An aquarium had 6 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?

2. ___**24**___

3) A farmer was dividing up his one-sixth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

3. ___$\frac{1}{42}$___

4) How many one-third cup servings are in 6 cups of pecans?

4. ___**18**___

5. ___**8**___

5) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-quarter of a box?

6. ___$\frac{1}{36}$___

7. ___**40**___

6) A pet store had 9 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?

8. ___$\frac{1}{40}$___

7) Haley was trying to collect 5 pounds of cans to recycle. If she collects one-eighth of a pound each day, how many days will it take to collect 5 pounds?

9. ___**35**___

10. ___$\frac{1}{21}$___

8) A group of 8 friends bought a one-fifth of a pound of bubblegum. If they split it equally, how much would each friend get?

11. ___$\frac{1}{28}$___

9) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-seventh of a potato?

12. ___**27**___

13. ___$\frac{1}{48}$___

10) At a restaurant 7 people were at a table when the waiter brought out one-third of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

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

13) George used one-eighth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?

Math

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.

$\frac{1}{42}$	$\frac{1}{36}$	4	24	$\frac{1}{21}$
$\frac{1}{40}$	18	35	40	8

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) A bag of walnuts was 2 pounds. How many $^1/_2$ of a pound servings are there in a bag?

2) An aquarium had 6 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?

3) A farmer was dividing up his $^1/_6$ of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

4) How many $^1/_3$ cup servings are in 6 cups of pecans?

5) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold $^1/_4$ of a box?

6) A pet store had 9 cats to feed. If they only had $^1/_4$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

7) Haley was trying to collect 5 pounds of cans to recycle. If she collects $^1/_8$ of a pound each day, how many days will it take to collect 5 pounds?

8) A group of 8 friends bought a $^1/_5$ of a pound of bubblegum. If they split it equally, how much would each friend get?

9) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used $^1/_7$ of a potato?

10) At a restaurant 7 people were at a table when the waiter brought out $^1/_3$ of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?