Unit Fraction Word Problems

Name: _____

Solve each problem.

1) A pet store had 9 cats to feed. If they only had one-fifth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) An artist was able to draw one-half of a picture every hour. If he needed to paint 2 pictures for an art show, how many hours would it take him?

3) A car wash had to make their soap last 5 days. If they only have one-half of a gallon of soap, how much should they use each day so it lasts 5 days?

4) A farmer was dividing up his one-ninth of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?

5) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

6) 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?

7) How many one-eighth cup servings are in 3 cups of pecans?

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

9) 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?

10) Cody had to write 8 pages for a book report. How many hours would it take him to write it if he wrote one-quarter of a page each hour?

11) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

12) At a restaurant 4 people were at a table when the waiter brought out one-sixth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

13) Adam used one-ninth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?
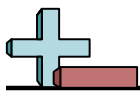
Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

Math

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

Solve each problem.

Answers

1) A pet store had 9 cats to feed. If they only had one-fifth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

1. $\frac{1}{45}$

2) An artist was able to draw one-half of a picture every hour. If he needed to paint 2 pictures for an art show, how many hours would it take him?

2. **4**

3. $\frac{1}{10}$

3) A car wash had to make their soap last 5 days. If they only have one-half of a gallon of soap, how much should they use each day so it lasts 5 days?

4. $\frac{1}{18}$

4) A farmer was dividing up his one-ninth of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?

5. **24**

6. $\frac{1}{8}$

5) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

7. **24**

6) 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?

8. **4**

9. **32**

7) How many one-eighth cup servings are in 3 cups of pecans?

10. **32**

11. **64**

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

12. $\frac{1}{24}$

9) 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?

13. $\frac{1}{72}$

10) Cody had to write 8 pages for a book report. How many hours would it take him to write it if he wrote one-quarter of a page each hour?

11) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

12) At a restaurant 4 people were at a table when the waiter brought out one-sixth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

13) Adam used one-ninth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?

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.

| 32 | 24 | $\frac{1}{45}$ | 24 | $\frac{1}{8}$ |
| $\frac{1}{10}$ | 4 | 32 | 4 | $\frac{1}{18}$ |

1) A pet store had 9 cats to feed. If they only had $\frac{1}{5}$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) An artist was able to draw $\frac{1}{2}$ of a picture every hour. If he needed to paint 2 pictures for an art show, how many hours would it take him?

3) A car wash had to make their soap last 5 days. If they only have $\frac{1}{2}$ of a gallon of soap, how much should they use each day so it lasts 5 days?

4) A farmer was dividing up his $\frac{1}{9}$ of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?

5) A malt shop used $\frac{1}{6}$ of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

6) A chef used $\frac{1}{2}$ of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?

7) How many $\frac{1}{8}$ cup servings are in 3 cups of pecans?

8) A bag of walnuts was 2 pounds. How many $\frac{1}{2}$ of a pound servings are there in a bag?

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

10) Cody had to write 8 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{4}$ of a page each hour?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____