Unit Fraction Word Problems

Name: _____

Solve each problem.

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

1. _____

2) A sub shop sold sandwiches that were one-sixth of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

2. _____

3. _____

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

4. _____

5. _____

4) How many one-sixth cup servings are in 7 cups of pecans?

6. _____

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

7. _____

8. _____

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

9. _____

7) At a restaurant 6 people were at a table when the waiter brought out one-half of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

10. _____

11. _____

8) Luke used one-fifth 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?

12. _____

9) 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?

13. _____

10) A bakery used one-sixth of a bag of chocolate chips to make 2 batches of cookies. How much of the bag did they use for each batch?

11) A water hose used one-quarter of a gallon of water every second. If Gwen need to fill up 2 gallon sized containers, how many seconds would it take?

12) A container of 3 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?

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

Math   www.CommonCoreSheets.com

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

Name:

Solve each problem.

Answers

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

2) A sub shop sold sandwiches that were one-sixth of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

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

4) How many one-sixth cup servings are in 7 cups of pecans?

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

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

7) At a restaurant 6 people were at a table when the waiter brought out one-half of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

8) Luke used one-fifth 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?

9) 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?

10) A bakery used one-sixth of a bag of chocolate chips to make 2 batches of cookies. How much of the bag did they use for each batch?

11) A water hose used one-quarter of a gallon of water every second. If Gwen need to fill up 2 gallon sized containers, how many seconds would it take?

12) A container of 3 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?

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

1. **24**

2. **$\frac{1}{54}$**

3. **16**

4. **42**

5. **45**

6. **35**

7. **$\frac{1}{12}$**

8. **$\frac{1}{30}$**

9. **4**

10. **$\frac{1}{12}$**

11. **8**

12. **$\frac{1}{6}$**

13. **54**

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

Math

Unit Fraction Word Problems

Name:

Solve each problem.

24	$\frac{1}{30}$	$\frac{1}{12}$	$\frac{1}{12}$	35
4	42	16	45	$\frac{1}{54}$

1) A bulldozer could carry $\frac{1}{8}$ of a ton of sand. If a park needed 3 tons of sand, how many loads would the bulldozer need to carry?

2) A sub shop sold sandwiches that were $\frac{1}{6}$ of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

3) An aquarium had 8 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{2}$ of a ton each month?

4) How many $\frac{1}{6}$ cup servings are in 7 cups of pecans?

5) A store had 5 boxes of video games. How many days would it take to sell the games if each day they sold $\frac{1}{9}$ of a box?

6) Sam had to write 5 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{7}$ of a page each hour?

7) At a restaurant 6 people were at a table when the waiter brought out $\frac{1}{2}$ of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

8) Luke used $\frac{1}{5}$ 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?

9) 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?

10) A bakery used $\frac{1}{6}$ of a bag of chocolate chips to make 2 batches of cookies. How much of the bag did they use for each batch?

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

Math

Modified

1-10	90	80	70	60	50	40	30	20	10	0