Unit Fraction Word Problems

Name: _____

Solve each problem.

1) Ned used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

1. _____

2) A bakery used one-half of a bag of chocolate chips to make 5 batches of cookies. How much of the bag did they use for each batch?

2. _____

3. _____

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

4. _____

5. _____

4) A container of 9 metal beams weighed one-seventh of a ton. If every beam weighed the same amount, how heavy was each?

6. _____

5) A malt shop used one-half of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?

7. _____

8. _____

6) A bag of walnuts was 9 pounds. How many one-half of a pound servings are there in a bag?

9. _____

7) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 4 equal pieces, what fraction of a foot would each piece be?

10. _____

11. _____

8) Billy had to write 7 pages for a book report. How many hours would it take him to write it if he wrote one-fifth of a page each hour?

12. _____

9) A toy plush weighed one-third of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?

13. _____

10) An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used one-third of a ton each month?

11) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

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

13) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 4 employees wanted to split it, how much would each employee get?

Math

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

Name:

Solve each problem.

Answers

1) Ned used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

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

2) A bakery used one-half of a bag of chocolate chips to make 5 batches of cookies. How much of the bag did they use for each batch?

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

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

3. $\frac{1}{20}$

4) A container of 9 metal beams weighed one-seventh of a ton. If every beam weighed the same amount, how heavy was each?

4. $\frac{1}{63}$

5) A malt shop used one-half of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?

5. **12**

6) A bag of walnuts was 9 pounds. How many one-half of a pound servings are there in a bag?

6. **18**

7) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 4 equal pieces, what fraction of a foot would each piece be?

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

8) Billy had to write 7 pages for a book report. How many hours would it take him to write it if he wrote one-fifth of a page each hour?

8. **35**

9) A toy plush weighed one-third of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?

9. **6**

10) An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used one-third of a ton each month?

10. **21**

11) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

11. **40**

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

12. **18**

13) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 4 employees wanted to split it, how much would each employee get?

13. $\frac{1}{32}$

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.

21	$\frac{1}{10}$	$\frac{1}{20}$	$\frac{1}{8}$	18
$\frac{1}{28}$	35	12	6	$\frac{1}{63}$

1. _____

2. _____

1) Ned used $\frac{1}{7}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

3. _____

2) A bakery used $\frac{1}{2}$ of a bag of chocolate chips to make 5 batches of cookies. How much of the bag did they use for each batch?

4. _____

5. _____

3) A chef used $\frac{1}{5}$ of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?

6. _____

7. _____

4) A container of 9 metal beams weighed $\frac{1}{7}$ of a ton. If every beam weighed the same amount, how heavy was each?

8. _____

9. _____

5) A malt shop used $\frac{1}{2}$ of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?

10. _____

6) A bag of walnuts was 9 pounds. How many $\frac{1}{2}$ of a pound servings are there in a bag?

7) A sub shop sold sandwiches that were $\frac{1}{2}$ of a foot long. If you were to cut the sandwich into 4 equal pieces, what fraction of a foot would each piece be?

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

9) A toy plush weighed $\frac{1}{3}$ of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?

10) An aquarium had 7 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{3}$ of a ton each month?

Math