Unit Fraction Word Problems

Name:

Solve each problem.

1) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

1. _____

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

2. _____

3. _____

3) At the end of the day a restaurant had one-sixth of a pound of leftover food. If 9 employees wanted to split it, how much would each employee get?

4. _____

5. _____

4) A water hose used one-ninth of a gallon of water every second. If Carol need to fill up 5 gallon sized containers, how many seconds would it take?

6. _____

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

7. _____

8. _____

6) Isabel was trying to collect 3 pounds of cans to recycle. If she collects one-quarter of a pound each day, how many days will it take to collect 3 pounds?

9. _____

7) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

10. _____

11. _____

8) At a restaurant 9 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?

12. _____

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

13. _____

10) A moving company had one-eighth of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?

11) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 6 people, what fraction of the bag did each person get?

12) A bulldozer could carry one-half of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

13) Vanessa had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-third of a bag?

Name:

Solve each problem.

Answers

1) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

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

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

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

3. $\frac{1}{54}$

3) At the end of the day a restaurant had one-sixth of a pound of leftover food. If 9 employees wanted to split it, how much would each employee get?

4. **45**

5. **12**

4) A water hose used one-ninth of a gallon of water every second. If Carol need to fill up 5 gallon sized containers, how many seconds would it take?

6. **12**

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

7. **63**

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

6) Isabel was trying to collect 3 pounds of cans to recycle. If she collects one-quarter of a pound each day, how many days will it take to collect 3 pounds?

9. $\frac{1}{81}$

7) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

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

11. $\frac{1}{36}$

8) At a restaurant 9 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?

12. **14**

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

13. **24**

10) A moving company had one-eighth of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?

11) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 6 people, what fraction of the bag did each person get?

12) A bulldozer could carry one-half of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

13) Vanessa had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-third of a bag?

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

Solve each problem.

| $\frac{1}{18}$ | 12 | 12 | 63 | $\frac{1}{24}$ |
| $\frac{1}{54}$ | 45 | $\frac{1}{32}$ | $\frac{1}{40}$ | $\frac{1}{81}$ |

1) A lawn mowing company had to mow $\frac{1}{5}$ of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

2) A sub shop sold sandwiches that were $\frac{1}{4}$ of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?

3) At the end of the day a restaurant had $\frac{1}{6}$ of a pound of leftover food. If 9 employees wanted to split it, how much would each employee get?

4) A water hose used $\frac{1}{9}$ of a gallon of water every second. If Carol need to fill up 5 gallon sized containers, how many seconds would it take?

5) Jerry had to write 6 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{2}$ of a page each hour?

6) Isabel was trying to collect 3 pounds of cans to recycle. If she collects $\frac{1}{4}$ of a pound each day, how many days will it take to collect 3 pounds?

7) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{9}$ of a potato?

8) At a restaurant 9 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?

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

10) A moving company had $\frac{1}{8}$ of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Modified

www.CommonCoreSheets.com

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