Unit Fraction Word Problems

Name: _____

Solve each problem.

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

1. _____

2) A sub shop sold sandwiches that were one-third 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) A malt shop used one-ninth of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?

4. _____

5. _____

4) A group of 7 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

6. _____

5) Vanessa wanted her box of candy to last 7 days. If the box weighs one-third of pound, how much should she eat each day?

7. _____

8. _____

6) Dave had to write 3 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?

9. _____

7) At a restaurant 2 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?

10. _____

11. _____

8) A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 5 trips, how much weight would they have on each trip?

12. _____

9) An artist was able to draw one-third of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?

13. _____

10) A chef had 3 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

11) Lana had picked 7 bags of oranges. How many glasses of orange juice could she make if each glass took one-seventh of a bag?

12) A car wash had to make their soap last 6 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 6 days?

13) At the end of the day a restaurant had one-seventh of a pound of leftover food. If 2 employees wanted to split it, how much would each employee get?

Name:

Solve each problem.

Answers

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

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

2) A sub shop sold sandwiches that were one-third 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. $\frac{1}{27}$

3. **54**

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

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

5. $\frac{1}{21}$

4) A group of 7 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

6. **12**

5) Vanessa wanted her box of candy to last 7 days. If the box weighs one-third of pound, how much should she eat each day?

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

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

6) Dave had to write 3 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?

9. **9**

7) At a restaurant 2 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?

10. **24**

11. **49**

8) A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 5 trips, how much weight would they have on each trip?

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

9) An artist was able to draw one-third of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?

13. $\frac{1}{14}$

10) A chef had 3 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-eighth of a potato?

11) Lana had picked 7 bags of oranges. How many glasses of orange juice could she make if each glass took one-seventh of a bag?

12) A car wash had to make their soap last 6 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 6 days?

13) At the end of the day a restaurant had one-seventh of a pound of leftover food. If 2 employees wanted to split it, how much would each employee get?

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.

$\frac{1}{27}$	24	9	12	$\frac{1}{28}$
$\frac{1}{45}$	$\frac{1}{21}$	$\frac{1}{6}$	54	$\frac{1}{63}$

1. _____

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

2. _____

3. _____

2) A sub shop sold sandwiches that were $\frac{1}{3}$ of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

4. _____

5. _____

3) A malt shop used $\frac{1}{9}$ of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?

6. _____

7. _____

4) A group of 7 friends bought a $\frac{1}{9}$ of a pound of bubblegum. If they split it equally, how much would each friend get?

8. _____

9. _____

5) Vanessa wanted her box of candy to last 7 days. If the box weighs $\frac{1}{3}$ of pound, how much should she eat each day?

10. _____

6) Dave had to write 3 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?

7) At a restaurant 2 people were at a table when the waiter brought out $\frac{1}{3}$ of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

8) A moving company had $\frac{1}{9}$ of a ton of weight to move across town. If they wanted to split it equally amongst 5 trips, how much weight would they have on each trip?

9) An artist was able to draw $\frac{1}{3}$ of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?

10) A chef had 3 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{8}$ of a potato?