Unit Fraction Word Problems

Name: _____

Solve each problem.

1) A group of 8 friends bought a one-third of a pound of bubblegum. If they split it equally, how much would each friend get?

2) At a restaurant 6 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?

3) A container of 2 metal beams weighed one-third of a ton. If every beam weighed the same amount, how heavy was each?

4) A small book took one-fifth of a ream of paper to make. How many books could be made with 9 whole reams of paper?

5) A car wash had to make their soap last 9 days. If they only have one-ninth of a gallon of soap, how much should they use each day so it lasts 9 days?

6) A farmer was dividing up his one-fifth 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?

7) Amy had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-third of a bag?

8) Lana wanted her box of candy to last 4 days. If the box weighs one-ninth of pound, how much should she eat each day?

9) A toy plush weighed one-third of a pound. A flimsy box can hold 4 pounds. How many toy plushes could the box hold?

10) A lawn mowing company had to mow one-quarter of a mile of grass. To make it quicker, they split the amount evenly between 3 workers. What fraction of the mile did each person mow?

11) A bag of walnuts was 4 pounds. How many one-third of a pound servings are there in a bag?

12) A water hose used one-sixth of a gallon of water every second. If Maria need to fill up 8 gallon sized containers, how many seconds would it take?

13) A bulldozer could carry one-seventh of a ton of sand. If a park needed 5 tons of sand, how many loads would the bulldozer need to carry?

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.

1) A group of 8 friends bought a one-third of a pound of bubblegum. If they split it equally, how much would each friend get?

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

2) At a restaurant 6 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?

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

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

3) A container of 2 metal beams weighed one-third of a ton. If every beam weighed the same amount, how heavy was each?

4. **45**

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

4) A small book took one-fifth of a ream of paper to make. How many books could be made with 9 whole reams of paper?

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

5) A car wash had to make their soap last 9 days. If they only have one-ninth of a gallon of soap, how much should they use each day so it lasts 9 days?

7. **12**

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

6) A farmer was dividing up his one-fifth 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?

9. **12**

7) Amy had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-third of a bag?

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

11. **12**

8) Lana wanted her box of candy to last 4 days. If the box weighs one-ninth of pound, how much should she eat each day?

12. **48**

9) A toy plush weighed one-third of a pound. A flimsy box can hold 4 pounds. How many toy plushes could the box hold?

13. **35**

10) A lawn mowing company had to mow one-quarter of a mile of grass. To make it quicker, they split the amount evenly between 3 workers. What fraction of the mile did each person mow?

11) A bag of walnuts was 4 pounds. How many one-third of a pound servings are there in a bag?

12) A water hose used one-sixth of a gallon of water every second. If Maria need to fill up 8 gallon sized containers, how many seconds would it take?

13) A bulldozer could carry one-seventh of a ton of sand. If a park needed 5 tons of sand, how many loads would the bulldozer need to carry?

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

Solve each problem.

12	12	$\frac{1}{10}$	$\frac{1}{6}$	$\frac{1}{12}$
45	$\frac{1}{36}$	$\frac{1}{36}$	$\frac{1}{24}$	$\frac{1}{81}$

1. _____

1) A group of 8 friends bought a $\frac{1}{3}$ of a pound of bubblegum. If they split it equally, how much would each friend get?

2. _____

3. _____

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

4. _____

5. _____

3) A container of 2 metal beams weighed $\frac{1}{3}$ of a ton. If every beam weighed the same amount, how heavy was each?

6. _____

7. _____

4) A small book took $\frac{1}{5}$ of a ream of paper to make. How many books could be made with 9 whole reams of paper?

8. _____

9. _____

5) A car wash had to make their soap last 9 days. If they only have $\frac{1}{9}$ of a gallon of soap, how much should they use each day so it lasts 9 days?

10. _____

6) A farmer was dividing up his $\frac{1}{5}$ 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?

7) Amy had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took $\frac{1}{3}$ of a bag?

8) Lana wanted her box of candy to last 4 days. If the box weighs $\frac{1}{9}$ of pound, how much should she eat each day?

9) A toy plush weighed $\frac{1}{3}$ of a pound. A flimsy box can hold 4 pounds. How many toy plushes could the box hold?

10) A lawn mowing company had to mow $\frac{1}{4}$ of a mile of grass. To make it quicker, they split the amount evenly between 3 workers. What fraction of the mile did each person mow?

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