Unit Fraction Word Problems

Name:

Solve each problem.

1) A group of 6 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

2) At a restaurant 8 people were at a table when the waiter brought out one-fourth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

3) A farmer was dividing up his one-eighth of an acre of land between his 6 children. Since each child got the same amount of land, what fraction of the acre did each get?

4) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

5) A lawn mowing company had to mow one-sixth of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

6) 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?

7) Olivia was trying to collect 8 pounds of cans to recycle. If she collects one-eighth of a pound each day, how many days will it take to collect 8 pounds?

8) Janet wanted her box of candy to last 3 days. If the box weighs one-third of pound, how much should she eat each day?

9) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?

10) Adam used one-third of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?

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

12) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-sixth of a potato?

13) A small book took one-third of a ream of paper to make. How many books could be made with 7 whole reams of paper?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

Solve each problem.

Answers

1) A group of 6 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

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

2) At a restaurant 8 people were at a table when the waiter brought out one-fourth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

3. $\frac{1}{48}$

3) A farmer was dividing up his one-eighth of an acre of land between his 6 children. Since each child got the same amount of land, what fraction of the acre did each get?

4. $\frac{1}{49}$

4) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

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

6. **24**

5) A lawn mowing company had to mow one-sixth of a mile of grass. To make it quicker, they split the amount evenly between 2 workers. What fraction of the mile did each person mow?

7. **64**

6) 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?

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

9. **12**

7) Olivia was trying to collect 8 pounds of cans to recycle. If she collects one-eighth of a pound each day, how many days will it take to collect 8 pounds?

10. $\frac{1}{27}$

8) Janet wanted her box of candy to last 3 days. If the box weighs one-third of pound, how much should she eat each day?

11. **12**

12. **24**

9) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?

13. **21**

10) Adam used one-third of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?

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

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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.

¹⁄₅₄	¹⁄₂₇	¹⁄₃₂	¹⁄₉	¹⁄₄₈
24	¹⁄₄₉	¹⁄₁₂	12	64

1. _____

2. _____

3. _____

1) A group of 6 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?

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2) At a restaurant 8 people were at a table when the waiter brought out one-fourth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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7. _____

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