Unit Fraction Word Problems

Name: _____

Solve each problem.

1) 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?

2) Henry used one-ninth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?

3) A small book took one-eighth of a ream of paper to make. How many books could be made with 3 whole reams of paper?

4) A chef used one-quarter of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

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

6) How many one-third cup servings are in 4 cups of pecans?

7) A group of 3 friends bought a one-seventh of a pound of bubblegum. If they split it equally, how much would each friend get?

8) A bakery used one-seventh of a bag of chocolate chips to make 4 batches of cookies. How much of the bag did they use for each batch?

9) A toy plush weighed one-third of a pound. A flimsy box can hold 8 pounds. How many toy plushes could the box hold?

10) A pet store had 5 cats to feed. If they only had one-ninth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

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

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

Solve each problem.

Answers

1) 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?

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

2) Henry used one-ninth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?

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

3) A small book took one-eighth of a ream of paper to make. How many books could be made with 3 whole reams of paper?

3. **24**

4) A chef used one-quarter of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

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

5. **15**

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

6. **12**

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

6) How many one-third cup servings are in 4 cups of pecans?

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

9. **24**

7) A group of 3 friends bought a one-seventh of a pound of bubblegum. If they split it equally, how much would each friend get?

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

11. $\frac{1}{42}$

8) A bakery used one-seventh of a bag of chocolate chips to make 4 batches of cookies. How much of the bag did they use for each batch?

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

9) A toy plush weighed one-third of a pound. A flimsy box can hold 8 pounds. How many toy plushes could the box hold?

13. **54**

10) A pet store had 5 cats to feed. If they only had one-ninth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

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

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

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

Math   cocosheets.com/sheet/1322996
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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.

$\frac{1}{20}$	$\frac{1}{21}$	$\frac{1}{54}$	24	$\frac{1}{28}$
15	$\frac{1}{32}$	24	12	$\frac{1}{45}$

1) 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?

2) Henry used $\frac{1}{9}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?

3) A small book took $\frac{1}{8}$ of a ream of paper to make. How many books could be made with 3 whole reams of paper?

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

5) Carol was trying to collect 3 pounds of cans to recycle. If she collects $\frac{1}{5}$ of a pound each day, how many days will it take to collect 3 pounds?

6) How many $\frac{1}{3}$ cup servings are in 4 cups of pecans?

7) A group of 3 friends bought a $\frac{1}{7}$ of a pound of bubblegum. If they split it equally, how much would each friend get?

8) A bakery used $\frac{1}{7}$ of a bag of chocolate chips to make 4 batches of cookies. How much of the bag did they use for each batch?

9) A toy plush weighed $\frac{1}{3}$ of a pound. A flimsy box can hold 8 pounds. How many toy plushes could the box hold?

10) A pet store had 5 cats to feed. If they only had $\frac{1}{9}$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Math

Modified

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