Unit Fraction Word Problems

Name:

Solve each problem.

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

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

3) A bag of walnuts was 7 pounds. How many one-fifth of a pound servings are there in a bag?

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

5) A lawn mowing company had to mow one-seventh of a mile of grass. To make it quicker, they split the amount evenly between 9 workers. What fraction of the mile did each person mow?

6) Sam had to write 2 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour?

7) Henry used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 7 smaller glasses how much sugar would be in each glass?

8) A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?

9) A car wash had to make their soap last 8 days. If they only have one-quarter of a gallon of soap, how much should they use each day so it lasts 8 days?

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

11) 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?

12) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold one-half of a box?

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

Answers

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

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

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Answers

1. $\frac{1}{48}$
2. $\frac{1}{45}$
3. **35**
4. $\frac{1}{56}$
5. $\frac{1}{63}$
6. **14**
7. $\frac{1}{35}$
8. $\frac{1}{18}$
9. $\frac{1}{32}$
10. **42**
11. $\frac{1}{6}$
12. **16**
13. **6**

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11-13	15	8	0							

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Name:

Solve each problem.

$1/48$	$1/56$	$1/32$	42	$1/35$
$1/45$	14	$1/63$	$1/18$	35

1) A bakery used $1/6$ of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?

2) Janet wanted her box of candy to last 5 days. If the box weighs $1/9$ of pound, how much should she eat each day?

3) A bag of walnuts was 7 pounds. How many $1/5$ of a pound servings are there in a bag?

4) A group of 8 friends bought a $1/7$ of a pound of bubblegum. If they split it equally, how much would each friend get?

5) A lawn mowing company had to mow $1/7$ of a mile of grass. To make it quicker, they split the amount evenly between 9 workers. What fraction of the mile did each person mow?

6) Sam had to write 2 pages for a book report. How many hours would it take him to write it if he wrote $1/7$ of a page each hour?

7) Henry used $1/5$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 7 smaller glasses how much sugar would be in each glass?

8) A moving company had $1/9$ of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?

9) A car wash had to make their soap last 8 days. If they only have $1/4$ of a gallon of soap, how much should they use each day so it lasts 8 days?

10) A small book took $1/6$ of a ream of paper to make. How many books could be made with 7 whole reams of paper?

Answers

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

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