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. _____

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

Name:

Solve each problem.

Answers

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?

1. $\dfrac{1}{48}$

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?

2. $\dfrac{1}{45}$

3. **35**

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

4. $\dfrac{1}{56}$

5. $\dfrac{1}{63}$

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?

6. **14**

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?

7. $\dfrac{1}{35}$

8. $\dfrac{1}{18}$

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?

9. $\dfrac{1}{32}$

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?

10. **42**

11. $\dfrac{1}{6}$

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?

12. **16**

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?

13. **6**

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?

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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.

| $\frac{1}{48}$ | $\frac{1}{56}$ | $\frac{1}{32}$ | 42 | $\frac{1}{35}$ |
| $\frac{1}{45}$ | 14 | $\frac{1}{63}$ | $\frac{1}{18}$ | 35 |

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) A bakery used $\frac{1}{6}$ 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 $\frac{1}{9}$ of pound, how much should she eat each day?

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

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

5) A lawn mowing company had to mow $\frac{1}{7}$ 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 $\frac{1}{7}$ of a page each hour?

7) Henry used $\frac{1}{5}$ 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 $\frac{1}{9}$ 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 $\frac{1}{4}$ of a gallon of soap, how much should they use each day so it lasts 8 days?

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

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