Solve each problem.

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

2) A pet store had 4 cats to feed. If they only had one-fifth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

3) A farmer was dividing up his one-third of an acre of land between his 5 children. Since each child got the same amount of land, what fraction of the acre did each get?

4) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

5) An artist was able to draw one-seventh of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?

6) A moving company had one-sixth 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?

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

8) A glass of water was one-eighth of a liter. How many glasses would it take to fill up a 3 liter jug?

9) A container of 8 metal beams weighed one-fourth of a ton. If every beam weighed the same amount, how heavy was each?

10) An aquarium had 6 tons of fish food. How many months would it take them to use it all if they used one-seventh of a ton each month?

11) At a restaurant 6 people were at a table when the waiter brought out one-fifth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

12) A lawn mowing company had to mow one-ninth 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?

13) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-seventh of a potato?
<table>
<thead>
<tr>
<th>Solve each problem.</th>
<th>Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) How many one-third cup servings are in 6 cups of pecans?</td>
<td>18</td>
</tr>
<tr>
<td>2) A pet store had 4 cats to feed. If they only had one-fifth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?</td>
<td>1/20</td>
</tr>
<tr>
<td>3) A farmer was dividing up his one-third of an acre of land between his 5 children. Since each child got the same amount of land, what fraction of the acre did each get?</td>
<td>1/15</td>
</tr>
<tr>
<td>4) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?</td>
<td>20</td>
</tr>
<tr>
<td>5) An artist was able to draw one-seventh of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?</td>
<td>56</td>
</tr>
<tr>
<td>6) A moving company had one-sixth 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?</td>
<td>1/24</td>
</tr>
<tr>
<td>7) A malt shop used one-fourth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?</td>
<td>8</td>
</tr>
<tr>
<td>8) A glass of water was one-eighth of a liter. How many glasses would it take to fill up a 3 liter jug?</td>
<td>24</td>
</tr>
<tr>
<td>9) A container of 8 metal beams weighed one-fourth of a ton. If every beam weighed the same amount, how heavy was each?</td>
<td>1/32</td>
</tr>
<tr>
<td>10) An aquarium had 6 tons of fish food. How many months would it take them to use it all if they used one-seventh of a ton each month?</td>
<td>42</td>
</tr>
<tr>
<td>11) At a restaurant 6 people were at a table when the waiter brought out one-fifth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?</td>
<td>1/30</td>
</tr>
<tr>
<td>12) A lawn mowing company had to mow one-ninth 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?</td>
<td>1/18</td>
</tr>
<tr>
<td>13) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-seventh of a potato?</td>
<td>49</td>
</tr>
</tbody>
</table>
1) How many \(\frac{1}{3}\) cup servings are in 6 cups of pecans?

2) A pet store had 4 cats to feed. If they only had \(\frac{1}{5}\) of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

3) A farmer was dividing up his \(\frac{1}{3}\) of an acre of land between his 5 children. Since each child got the same amount of land, what fraction of the acre did each get?

4) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold \(\frac{1}{5}\) of a box?

5) An artist was able to draw \(\frac{1}{7}\) of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?

6) A moving company had \(\frac{1}{6}\) 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?

7) A malt shop used \(\frac{1}{4}\) of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?

8) A glass of water was \(\frac{1}{8}\) of a liter. How many glasses would it take to fill up a 3 liter jug?

9) A container of 8 metal beams weighed \(\frac{1}{4}\) of a ton. If every beam weighed the same amount, how heavy was each?

10) An aquarium had 6 tons of fish food. How many months would it take them to use it all if they used \(\frac{1}{7}\) of a ton each month?
### Unit Fraction Word Problems

**Solve each problem.**

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

2. A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 5 liter jug?

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

4. A bulldozer could carry one-fourth of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

5. Dave had to write 5 pages for a book report. How many hours would it take him to write it if he wrote one-sixth of a page each hour?

6. A small book took one-half of a ream of paper to make. How many books could be make with 8 whole reams of paper?

7. A pet store had 4 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?

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

9. Vanessa wanted her box of candy to last 2 days. If the box weighs one-eighth of pound, how much should she eat each day?

10. A bakery used one-third of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

11. How many one-fourth cup servings are in 9 cups of pecans?

12. A car wash had to make their soap last 6 days. If they only have one-ninth of a gallon of soap, how much should they use each day so it lasts 6 days?

13. An artist was able to draw one-seventh of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?

**Answers**

1. \(\frac{1}{56}\)

2. \(\frac{45}{1}\)

3. \(\frac{1}{45}\)

4. \(\frac{28}{1}\)

5. \(\frac{30}{1}\)

6. \(\frac{16}{1}\)

7. \(\frac{1}{36}\)

8. \(\frac{1}{24}\)

9. \(\frac{1}{16}\)

10. \(\frac{1}{9}\)

11. \(36\)

12. \(\frac{1}{54}\)

13. \(42\)
Solve each problem.

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

2) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 5 liter jug?

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

4) A bulldozer could carry one-fourth of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

5) Dave had to write 5 pages for a book report. How many hours would it take him to write it if he wrote one-sixth of a page each hour?

6) A small book took one-half of a ream of paper to make. How many books could be made with 8 whole reams of paper?

7) A pet store had 4 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?

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

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

10) A bakery used one-third of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

11) How many one-fourth cup servings are in 9 cups of pecans?

12) A car wash had to make their soap last 6 days. If they only have one-ninth of a gallon of soap, how much should they use each day so it lasts 6 days?

13) An artist was able to draw one-seventh of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?
Unit Fraction Word Problems

Name: 

1) A moving company had \(\frac{1}{7}\) of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?

2) A glass of water was \(\frac{1}{9}\) of a liter. How many glasses would it take to fill up a 5 liter jug?

3) A chef used \(\frac{1}{9}\) of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

4) A bulldozer could carry \(\frac{1}{4}\) of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

5) Dave had to write 5 pages for a book report. How many hours would it take him to write it if he wrote \(\frac{1}{6}\) of a page each hour?

6) A small book took \(\frac{1}{2}\) of a ream of paper to make. How many books could be made with 8 whole reams of paper?

7) A pet store had 4 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?

8) A container of 3 metal beams weighed \(\frac{1}{6}\) of a ton. If every beam weighed the same amount, how heavy was each?

9) Vanessa wanted her box of candy to last 2 days. If the box weighs \(\frac{1}{8}\) of a pound, how much should she eat each day?

10) A bakery used \(\frac{1}{3}\) of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?
Solve each problem.

1) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fifth of a potato?

2) A container of 7 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?

3) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 2 employees wanted to split it, how much would each employee get?

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

5) 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?

6) John had to write 7 pages for a book report. How many hours would it take him to write it if he wrote one-sixth of a page each hour?

7) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

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

9) Lana was trying to collect 4 pounds of cans to recycle. If she collects one-seventh of a pound each day, how many days will it take to collect 4 pounds?

10) A glass of water was one-seventh of a liter. How many glasses would it take to fill up a 2 liter jug?

11) A farmer was dividing up his one-fourth of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?

12) How many one-fourth cup servings are in 3 cups of pecans?

13) Dave used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
Unit Fraction Word Problems

Solve each problem.

1) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fifth of a potato?

2) A container of 7 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?

3) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 2 employees wanted to split it, how much would each employee get?

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

5) 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?

6) John had to write 7 pages for a book report. How many hours would it take him to write it if he wrote one-sixth of a page each hour?

7) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

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

9) Lana was trying to collect 4 pounds of cans to recycle. If she collects one-seventh of a pound each day, how many days will it take to collect 4 pounds?

10) A glass of water was one-seventh of a liter. How many glasses would it take to fill up a 2 liter jug?

11) A farmer was dividing up his one-fourth of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?

12) How many one-fourth cup servings are in 3 cups of pecans?

13) Dave used one-seventh of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
Solve each problem.

1) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used \( \frac{1}{5} \) of a potato?

2) A container of 7 metal beams weighed \( \frac{1}{6} \) of a ton. If every beam weighed the same amount, how heavy was each?

3) At the end of the day a restaurant had \( \frac{1}{8} \) of a pound of leftover food. If 2 employees wanted to split it, how much would each employee get?

4) A chef used \( \frac{1}{2} \) of a bag of potatoes for a meal. If the potatoes fed 4 people, what fraction of the bag did each person get?

5) A bulldozer could carry \( \frac{1}{8} \) of a ton of sand. If a park needed 3 tons of sand, how many loads would the bulldozer need to carry?

6) John had to write 7 pages for a book report. How many hours would it take him to write it if he wrote \( \frac{1}{6} \) of a page each hour?

7) A sub shop sold sandwiches that were \( \frac{1}{2} \) of a foot long. If you were to cut the sandwich into 9 equal pieces, what fraction of a foot would each piece be?

8) A bakery used \( \frac{1}{5} \) of a bag of chocolate chips to make 6 batches of cookies. How much of the bag did they use for each batch?

9) Lana was trying to collect 4 pounds of cans to recycle. If she collects \( \frac{1}{7} \) of a pound each day, how many days will it take to collect 4 pounds?

10) A glass of water was \( \frac{1}{7} \) of a liter. How many glasses would it take to fill up a 2 liter jug?
Solve each problem.

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

2) At a restaurant 6 people were at a table when the waiter brought out one-fifth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

4) How many one-seventh cup servings are in 9 cups of pecans?

5) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

6) An artist was able to draw one-third of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?

7) A sub shop sold sandwiches that were one-ninth of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?

8) Jerry used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

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

10) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-ninth of a can?

11) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

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

13) Isabel wanted her box of candy to last 6 days. If the box weighs one-half of pound, how much should she eat each day?
Solve each problem.

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

2) At a restaurant 6 people were at a table when the waiter brought out one-fifth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

4) How many one-seventh cup servings are in 9 cups of pecans?

5) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

6) An artist was able to draw one-third of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?

7) A sub shop sold sandwiches that were one-ninth of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?

8) Jerry used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

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

10) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-ninth of a can?

11) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

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

13) Isabel wanted her box of candy to last 6 days. If the box weighs one-half of pound, how much should she eat each day?

Answers

1. 49
2. 1/30
3. 45
4. 63
5. 1/40
6. 18
7. 1/54
8. 1/20
9. 36
10. 54
11. 72
12. 1/56
13. 1/12
## Unit Fraction Word Problems

Solve each problem.

<table>
<thead>
<tr>
<th></th>
<th>1/54</th>
<th>1/40</th>
<th>54</th>
<th>1/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>1/20</td>
<td>49</td>
<td>36</td>
<td>63</td>
</tr>
</tbody>
</table>

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

2. At a restaurant 6 people were at a table when the waiter brought out \( \frac{1}{5} \) of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

3. A glass of water was \( \frac{1}{5} \) of a liter. How many glasses would it take to fill up a 9 liter jug?

4. How many \( \frac{1}{7} \) cup servings are in 9 cups of pecans?

5. At the end of the day a restaurant had \( \frac{1}{8} \) of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

6. An artist was able to draw \( \frac{1}{3} \) of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?

7. A sub shop sold sandwiches that were \( \frac{1}{6} \) of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?

8. Jerry used \( \frac{1}{5} \) of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

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

10. A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took \( \frac{1}{6} \) of a can?
Unit Fraction Word Problems

Solve each problem.

1) A lawn mowing company had to mow one-fourth of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

2) A bakery used one-fifth of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

3) A container of 8 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?

4) A farmer was dividing up his one-fifth of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?

5) A moving company had one-seventh of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?

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

7) 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?

8) A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug?

9) A water hose used one-fourth of a gallon of water every second. If Olivia need to fill up 6 gallon sized containers, how many seconds would it take?

10) How many one-fourth cup servings are in 7 cups of pecans?

11) A toy plush weighed one-fourth of a pound. A flimsy box can hold 6 pounds. How many toy plushes could the box hold?

12) Tiffany was trying to collect 6 pounds of cans to recycle. If she collects one-fifth of a pound each day, how many days will it take to collect 6 pounds?

13) Jerry used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 5 smaller glasses how much sugar would be in each glass?

Answers

1. ______________
2. ______________
3. ______________
4. ______________
5. ______________
6. ______________
7. ______________
8. ______________
9. ______________
10. ______________
11. ______________
12. ______________
13. ______________
Solve each problem.

1) A lawn mowing company had to mow one-fourth of a mile of grass. To make it quicker, they split the amount evenly between 8 workers. What fraction of the mile did each person mow?

2) A bakery used one-fifth of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

3) A container of 8 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?

4) A farmer was dividing up his one-fifth of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?

5) A moving company had one-seventh of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?

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

7) 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?

8) A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug?

9) A water hose used one-fourth of a gallon of water every second. If Olivia need to fill up 6 gallon sized containers, how many seconds would it take?

10) How many one-fourth cup servings are in 7 cups of pecans?

11) A toy plush weighed one-fourth of a pound. A flimsy box can hold 6 pounds. How many toy plushes could the box hold?

12) Tiffany was trying to collect 6 pounds of cans to recycle. If she collects one-fifth of a pound each day, how many days will it take to collect 6 pounds?

13) Jerry used one-sixth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 5 smaller glasses how much sugar would be in each glass?
1) 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 8 workers. What fraction of the mile did each person mow?

2) A bakery used $\frac{1}{5}$ of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

3) A container of 8 metal beams weighed $\frac{1}{6}$ of a ton. If every beam weighed the same amount, how heavy was each?

4) A farmer was dividing up his $\frac{1}{5}$ of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?

5) A moving company had $\frac{1}{7}$ of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?

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

7) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold $\frac{1}{2}$ of a box?

8) A glass of water was $\frac{1}{3}$ of a liter. How many glasses would it take to fill up a 2 liter jug?

9) A water hose used $\frac{1}{4}$ of a gallon of water every second. If Olivia need to fill up 6 gallon sized containers, how many seconds would it take?

10) How many $\frac{1}{4}$ cup servings are in 7 cups of pecans?
Solve each problem.

1) How many one-third cup servings are in 7 cups of pecans?

2) A water hose used one-eighth of a gallon of water every second. If Maria need to fill up 2 gallon sized containers, how many seconds would it take?

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

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

5) Paige was trying to collect 4 pounds of cans to recycle. If she collects one-half of a pound each day, how many days will it take to collect 4 pounds?

6) A chef had 2 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fourth of a potato?

7) A pet store had 2 cats to feed. If they only had one-half of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

8) A lawn mowing company had to mow one-third 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?

9) At the end of the day a restaurant had one-fourth of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

10) An aquarium had 4 tons of fish food. How many months would it take them to use it all if they used one-half of a ton each month?

11) A small book took one-eighth of a ream of paper to make. How many books could be make with 6 whole reams of paper?

12) A container of 6 metal beams weighed one-third of a ton. If every beam weighed the same amount, how heavy was each?

13) A sub shop sold sandwiches that were one-eighth of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?
Solve each problem.

1) How many one-third cup servings are in 7 cups of pecans?

2) A water hose used one-eighth of a gallon of water every second. If Maria need to fill up 2 gallon sized containers, how many seconds would it take?

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

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

5) Paige was trying to collect 4 pounds of cans to recycle. If she collects one-half of a pound each day, how many days will it take to collect 4 pounds?

6) A chef had 2 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fourth of a potato?

7) A pet store had 2 cats to feed. If they only had one-half of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

8) A lawn mowing company had to mow one-third 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?

9) At the end of the day a restaurant had one-fourth of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

10) An aquarium had 4 tons of fish food. How many months would it take them to use it all if they used one-half of a ton each month?

11) A small book took one-eighth of a ream of paper to make. How many books could be make with 6 whole reams of paper?

12) A container of 6 metal beams weighed one-third of a ton. If every beam weighed the same amount, how heavy was each?

13) A sub shop sold sandwiches that were one-eighth of a foot long. If you were to cut the sandwich into 6 equal pieces, what fraction of a foot would each piece be?
Solve each problem.

1) How many \(\frac{1}{3}\) cup servings are in 7 cups of pecans?

2) A water hose used \(\frac{1}{8}\) of a gallon of water every second. If Maria needs to fill up 2 gallon sized containers, how many seconds would it take?

3) Amy wanted her box of candy to last 4 days. If the box weighs \(\frac{1}{3}\) of pound, how much should she eat each day?

4) A bag of walnuts was 7 pounds. How many \(\frac{1}{2}\) of a pound servings are there in a bag?

5) Paige was trying to collect 4 pounds of cans to recycle. If she collects \(\frac{1}{2}\) of a pound each day, how many days will it take to collect 4 pounds?

6) A chef had 2 potatoes. How many bowls of mashed potatoes could he make if each bowl used \(\frac{1}{4}\) of a potato?

7) A pet store had 2 cats to feed. If they only had \(\frac{1}{2}\) of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

8) 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 2 workers. What fraction of the mile did each person mow?

9) At the end of the day a restaurant had \(\frac{1}{4}\) of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?

10) An aquarium had 4 tons of fish food. How many months would it take them to use it all if they used \(\frac{1}{2}\) of a ton each month?
Solve each problem.

1) A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug?

2) A water hose used one-eighth of a gallon of water every second. If Haley need to fill up 7 gallon sized containers, how many seconds would it take?

3) A bag of walnuts was 8 pounds. How many one-third of a pound servings are there in a bag?

4) A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?

5) A pet store had 3 cats to feed. If they only had one-eighth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

6) A malt shop used one-seventh of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

7) Oliver used one-ninth 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 container of 4 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?

9) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

10) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?

11) How many one-sixth cup servings are in 2 cups of pecans?

12) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fourth of a potato?

13) Mike had to write 3 pages for a book report. How many hours would it take him to write it if he wrote one-half of a page each hour?
### Unit Fraction Word Problems

**Solve each problem.**

1. A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug?

2. A water hose used one-eighth of a gallon of water every second. If Haley need to fill up 7 gallon sized containers, how many seconds would it take?

3. A bag of walnuts was 8 pounds. How many one-third of a pound servings are there in a bag?

4. A sub shop sold sandwiches that were one-half of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?

5. A pet store had 3 cats to feed. If they only had one-eighth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

6. A malt shop used one-seventh of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

7. Oliver used one-ninth 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 container of 4 metal beams weighed one-sixth of a ton. If every beam weighed the same amount, how heavy was each?

9. A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-fifth of a box?

10. A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?

11. How many one-sixth cup servings are in 2 cups of pecans?

12. A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fourth of a potato?

13. Mike had to write 3 pages for a book report. How many hours would it take him to write it if he wrote one-half of a page each hour?

---

**Answers**

1. 6
2. 56
3. 24
4. $\frac{1}{10}$
5. $\frac{1}{24}$
6. 28
7. $\frac{1}{63}$
8. $\frac{1}{24}$
9. 20
10. $\frac{1}{20}$
11. 12
12. 28
13. 6
Solve each problem.

1) A glass of water was \( \frac{1}{3} \) of a liter. How many glasses would it take to fill up a 2 liter jug?

2) A water hose used \( \frac{1}{6} \) of a gallon of water every second. If Haley need to fill up 7 gallon sized containers, how many seconds would it take?

3) A bag of walnuts was 8 pounds. How many \( \frac{1}{3} \) of a pound servings are there in a bag?

4) A sub shop sold sandwiches that were \( \frac{1}{2} \) of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?

5) A pet store had 3 cats to feed. If they only had \( \frac{1}{8} \) of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

6) A malt shop used \( \frac{1}{7} \) of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?

7) Oliver used \( \frac{1}{6} \) 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 container of 4 metal beams weighed \( \frac{1}{6} \) of a ton. If every beam weighed the same amount, how heavy was each?

9) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold \( \frac{1}{5} \) of a box?

10) A lawn mowing company had to mow \( \frac{1}{5} \) of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?
Solve each problem.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Lana was trying to collect 3 pounds of cans to recycle. If she collects one-fourth of a pound each day, how many days will it take to collect 3 pounds?</td>
<td></td>
</tr>
<tr>
<td>2) A container of 6 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?</td>
<td></td>
</tr>
<tr>
<td>3) A toy plush weighed one-sixth of a pound. A flimsy box can hold 4 pounds. How many toy plushes could the box hold?</td>
<td></td>
</tr>
<tr>
<td>4) A bag of walnuts was 3 pounds. How many one-sixth of a pound servings are there in a bag?</td>
<td></td>
</tr>
<tr>
<td>5) A chef used one-third of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?</td>
<td></td>
</tr>
<tr>
<td>6) A farmer was dividing up his one-sixth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?</td>
<td></td>
</tr>
<tr>
<td>7) A small book took one-seventh of a ream of paper to make. How many books could be make with 3 whole reams of paper?</td>
<td></td>
</tr>
<tr>
<td>8) A car wash had to make their soap last 5 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 5 days?</td>
<td></td>
</tr>
<tr>
<td>9) A malt shop used one-ninth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?</td>
<td></td>
</tr>
<tr>
<td>10) A pizzeria had 5 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-fourth of a can?</td>
<td></td>
</tr>
<tr>
<td>11) A moving company had one-third of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?</td>
<td></td>
</tr>
<tr>
<td>12) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-ninth of a box?</td>
<td></td>
</tr>
<tr>
<td>13) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 7 workers. What fraction of the mile did each person mow?</td>
<td></td>
</tr>
</tbody>
</table>
Unit Fraction Word Problems

Solve each problem.

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

2) A container of 6 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?

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

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

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

6) A farmer was dividing up his one-sixth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

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

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

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

10) A pizzeria had 5 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-fourth of a can?

11) A moving company had one-third of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?

12) A store had 4 boxes of video games. How many days would it take to sell the games if each day they sold one-ninth of a box?

13) A lawn mowing company had to mow one-fifth of a mile of grass. To make it quicker, they split the amount evenly between 7 workers. What fraction of the mile did each person mow?
Solve each problem.

1. Lana was trying to collect 3 pounds of cans to recycle. If she collects $\frac{1}{4}$ of a pound each day, how many days will it take to collect 3 pounds?

2. A container of 6 metal beams weighed $\frac{1}{6}$ of a ton. If every beam weighed the same amount, how heavy was each?

3. A toy plush weighed $\frac{1}{6}$ of a pound. A flimsy box can hold 4 pounds. How many toy plushes could the box hold?

4. A bag of walnuts was 3 pounds. How many $\frac{1}{6}$ of a pound servings are there in a bag?

5. A chef used $\frac{1}{3}$ of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

6. A farmer was dividing up his $\frac{1}{6}$ of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?

7. A small book took $\frac{1}{7}$ of a ream of paper to make. How many books could be make with 3 whole reams of paper?

8. A car wash had to make their soap last 5 days. If they only have $\frac{1}{3}$ of a gallon of soap, how much should they use each day so it lasts 5 days?

9. A malt shop used $\frac{1}{6}$ of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?

10. A pizzeria had 5 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took $\frac{1}{4}$ of a can?
Unit Fraction Word Problems

Solve each problem.

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

2) A water hose used one-fourth of a gallon of water every second. If Tiffany need to fill up 7 gallon sized containers, how many seconds would it take?

3) How many one-half cup servings are in 3 cups of pecans?

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

5) Cody had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-half of a page each hour?

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

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

8) A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold one-eighth of a box?

9) Jerry used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

10) An artist was able to draw one-fifth of a picture every hour. If he needed to paint 7 pictures for an art show, how many hours would it take him?

11) A small book took one-seventh of a ream of paper to make. How many books could be make with 2 whole reams of paper?

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

13) At the end of the day a restaurant had one-seventh of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?
1) A container of 2 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?

2) A water hose used one-fourth of a gallon of water every second. If Tiffany need to fill up 7 gallon sized containers, how many seconds would it take?

3) How many one-half cup servings are in 3 cups of pecans?

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

5) Cody had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-half of a page each hour?

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

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

8) A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold one-eighth of a box?

9) Jerry used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

10) An artist was able to draw one-fifth of a picture every hour. If he needed to paint 7 pictures for an art show, how many hours would it take him?

11) A small book took one-seventh of a ream of paper to make. How many books could be made with 2 whole reams of paper?

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

13) At the end of the day a restaurant had one-seventh of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

Answers

1. $\frac{1}{4}$
2. 28
3. 6
4. 63
5. 8
6. 49
7. $\frac{1}{35}$
8. 24
9. $\frac{1}{8}$
10. 35
11. 14
12. $\frac{1}{16}$
13. $\frac{1}{35}$
1) A container of 2 metal beams weighed \(\frac{1}{2}\) of a ton. If every beam weighed the same amount, how heavy was each?

2) A water hose used \(\frac{1}{4}\) of a gallon of water every second. If Tiffany needs to fill up 7 gallon sized containers, how many seconds would it take?

3) How many \(\frac{1}{2}\) cup servings are in 3 cups of pecans?

4) Lana was trying to collect 7 pounds of cans to recycle. If she collects \(\frac{1}{9}\) of a pound each day, how many days will it take to collect 7 pounds?

5) Cody had to write 4 pages for a book report. How many hours would it take him to write it if he wrote \(\frac{1}{2}\) of a page each hour?

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

7) A chef used \(\frac{1}{7}\) of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

8) A store had 3 boxes of video games. How many days would it take to sell the games if each day they sold \(\frac{1}{8}\) of a box?

9) Jerry used \(\frac{1}{2}\) of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?

10) An artist was able to draw \(\frac{1}{5}\) of a picture every hour. If he needed to paint 7 pictures for an art show, how many hours would it take him?
Solve each problem.

1) A pet store had 9 cats to feed. If they only had one-fourth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 5 whole boxes last them?

3) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?

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

5) A bag of walnuts was 9 pounds. How many one-fourth of a pound servings are there in a bag?

6) A toy plush weighed one-ninth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

7) How many one-sixth cup servings are in 4 cups of pecans?

8) At a restaurant 5 people were at a table when the waiter brought out one-eighth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

10) At the end of the day a restaurant had one-fourth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

11) 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?

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

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

Answers

1. __________
2. __________
3. __________
4. __________
5. __________
6. __________
7. __________
8. __________
9. __________
10. __________
11. __________
12. __________
13. __________
Solve each problem.

1) A pet store had 9 cats to feed. If they only had one-fourth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 5 whole boxes last them?

3) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?

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

5) A bag of walnuts was 9 pounds. How many one-fourth of a pound servings are there in a bag?

6) A toy plush weighed one-ninth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

7) How many one-sixth cup servings are in 4 cups of pecans?

8) At a restaurant 5 people were at a table when the waiter brought out one-eighth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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

10) At the end of the day a restaurant had one-fourth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

11) 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?

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

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

Answers

1. \(\frac{1}{36}\)
2. 30
3. \(\frac{1}{15}\)
4. \(\frac{1}{18}\)
5. 36
6. 63
7. 24
8. \(\frac{1}{40}\)
9. \(\frac{1}{6}\)
10. \(\frac{1}{20}\)
11. \(\frac{1}{54}\)
12. 10
13. 36
1) A pet store had 9 cats to feed. If they only had \( \frac{1}{4} \) of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) A malt shop used \( \frac{1}{6} \) of a box of waffle cones every day they were open. How many days would 5 whole boxes last them?

3) A sub shop sold sandwiches that were \( \frac{1}{5} \) of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?

4) Lana wanted her box of candy to last 2 days. If the box weighs \( \frac{1}{9} \) of pound, how much should she eat each day?

5) A bag of walnuts was 9 pounds. How many \( \frac{1}{4} \) of a pound servings are there in a bag?

6) A toy plush weighed \( \frac{1}{9} \) of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?

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

8) At a restaurant 5 people were at a table when the waiter brought out \( \frac{1}{8} \) of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

9) A farmer was dividing up his \( \frac{1}{2} \) of an acre of land between his 3 children. Since each child got the same amount of land, what fraction of the acre did each get?

10) At the end of the day a restaurant had \( \frac{1}{4} \) of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?