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?
# Unit Fraction Word Problems

Solve each problem.

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<td>13. 49</td>
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### Unit Fraction Word Problems

**Solve each problem.**

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 \( \frac{1}{4} \) 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?

### Answers

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