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?
### Unit Fraction Word Problems

**Solve each problem.**

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### Answers

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</table>
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 need 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?