

**Solve each problem.****Answers**

- 1) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
- 2) A container of 3 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?
- 3) Bianca had picked 9 bags of oranges. How many glasses of orange juice could she make if each glass took one-sixth of a bag?
- 4) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-quarter of a can?
- 5) A toy plush weighed one-sixth of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?
- 6) Olivia wanted her box of candy to last 9 days. If the box weighs one-seventh of pound, how much should she eat each day?
- 7) At a restaurant 6 people were at a table when the waiter brought out one-sixth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) Cody used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?
- 9) A bag of walnuts was 6 pounds. How many one-seventh of a pound servings are there in a bag?
- 10) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-third of a potato?
- 11) A group of 3 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 12) A farmer was dividing up his one-third 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?
- 13) A glass of water was one-quarter of a liter. How many glasses would it take to fill up a 5 liter jug?

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**Answers**

1.  $\frac{1}{25}$
2.  $\frac{1}{6}$
3. **54**
4. **36**
5. **12**
6.  $\frac{1}{63}$
7.  $\frac{1}{36}$
8.  $\frac{1}{12}$
9. **42**
10. **24**
11.  $\frac{1}{27}$
12.  $\frac{1}{27}$
13. **20**



Solve each problem.

24

12

 $\frac{1}{6}$ 

54

42

 $\frac{1}{36}$  $\frac{1}{12}$ 

36

 $\frac{1}{25}$  $\frac{1}{63}$ **Answers**

- 1) A sub shop sold sandwiches that were  $\frac{1}{5}$  of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
- 2) A container of 3 metal beams weighed  $\frac{1}{2}$  of a ton. If every beam weighed the same amount, how heavy was each?
- 3) Bianca had picked 9 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{6}$  of a bag?
- 4) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took  $\frac{1}{4}$  of a can?
- 5) A toy plush weighed  $\frac{1}{6}$  of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?
- 6) Olivia wanted her box of candy to last 9 days. If the box weighs  $\frac{1}{7}$  of pound, how much should she eat each day?
- 7) At a restaurant 6 people were at a table when the waiter brought out  $\frac{1}{6}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) Cody used  $\frac{1}{2}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?
- 9) A bag of walnuts was 6 pounds. How many  $\frac{1}{7}$  of a pound servings are there in a bag?
- 10) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{3}$  of a potato?

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