

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

- 1) An aquarium had 2 tons of fish food. How many months would it take them to use it all if they used one-ninth of a ton each month?
- 2) A lawn mowing company had to mow one-ninth 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?
- 3) A bag of walnuts was 3 pounds. How many one-third of a pound servings are there in a bag?
- 4) A pet store had 9 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?
- 5) Vanessa had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag?
- 6) An artist was able to draw one-third of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?
- 7) Victor had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-third of a page each hour?
- 8) A glass of water was one-half of a liter. How many glasses would it take to fill up a 4 liter jug?
- 9) Oliver used one-third of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass?
- 10) A group of 5 friends bought a one-eighth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 11) A water hose used one-third of a gallon of water every second. If Olivia need to fill up 2 gallon sized containers, how many seconds would it take?
- 12) At a restaurant 3 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?
- 13) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 9 people, what fraction of the bag did each person get?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



Solve each problem.

- 1) An aquarium had 2 tons of fish food. How many months would it take them to use it all if they used one-ninth of a ton each month?
- 2) A lawn mowing company had to mow one-ninth 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?
- 3) A bag of walnuts was 3 pounds. How many one-third of a pound servings are there in a bag?
- 4) A pet store had 9 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?
- 5) Vanessa had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag?
- 6) An artist was able to draw one-third of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?
- 7) Victor had to write 4 pages for a book report. How many hours would it take him to write it if he wrote one-third of a page each hour?
- 8) A glass of water was one-half of a liter. How many glasses would it take to fill up a 4 liter jug?
- 9) Oliver used one-third of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass?
- 10) A group of 5 friends bought a one-eighth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 11) A water hose used one-third of a gallon of water every second. If Olivia need to fill up 2 gallon sized containers, how many seconds would it take?
- 12) At a restaurant 3 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?
- 13) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 9 people, what fraction of the bag did each person get?

Answers

1. 18
2.  $\frac{1}{63}$
3. 9
4.  $\frac{1}{81}$
5. 8
6. 9
7. 12
8. 8
9.  $\frac{1}{9}$
10.  $\frac{1}{40}$
11. 6
12.  $\frac{1}{18}$
13.  $\frac{1}{54}$



Solve each problem.

12

 $\frac{1}{81}$  $\frac{1}{9}$ 

8

18

8

 $\frac{1}{63}$ 

9

 $\frac{1}{40}$ 

9

**Answers**

- 1) An aquarium had 2 tons of fish food. How many months would it take them to use it all if they used  $\frac{1}{9}$  of a ton each month?
- 2) A lawn mowing company had to mow  $\frac{1}{9}$  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?
- 3) A bag of walnuts was 3 pounds. How many  $\frac{1}{3}$  of a pound servings are there in a bag?
- 4) A pet store had 9 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?
- 5) Vanessa had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{2}$  of a bag?
- 6) An artist was able to draw  $\frac{1}{3}$  of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?
- 7) Victor had to write 4 pages for a book report. How many hours would it take him to write it if he wrote  $\frac{1}{3}$  of a page each hour?
- 8) A glass of water was  $\frac{1}{2}$  of a liter. How many glasses would it take to fill up a 4 liter jug?
- 9) Oliver used  $\frac{1}{3}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass?
- 10) A group of 5 friends bought a  $\frac{1}{8}$  of a pound of bubblegum. If they split it equally, how much would each friend get?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_