

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

- 1) A container of 6 metal beams weighed one-quarter of a ton. If every beam weighed the same amount, how heavy was each?
- 2) At the end of the day a restaurant had one-eighth of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?
- 3) A water hose used one-fifth of a gallon of water every second. If Maria need to fill up 9 gallon sized containers, how many seconds would it take?
- 4) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-third of a potato?
- 5) A sub shop sold sandwiches that were one-third of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?
- 6) Henry had to write 9 pages for a book report. How many hours would it take him to write it if he wrote one-ninth of a page each hour?
- 7) An artist was able to draw one-eighth of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?
- 8) A pet store had 9 cats to feed. If they only had one-quarter of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 9) A bakery used one-seventh of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 10) An aquarium had 3 tons of fish food. How many months would it take them to use it all if they used one-sixth of a ton each month?
- 11) A bag of walnuts was 3 pounds. How many one-quarter of a pound servings are there in a bag?
- 12) A car wash had to make their soap last 4 days. If they only have one-sixth of a gallon of soap, how much should they use each day so it lasts 4 days?
- 13) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

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Answers

1. $\frac{1}{24}$
2. $\frac{1}{64}$
3. **45**
4. **15**
5. $\frac{1}{6}$
6. **81**
7. **64**
8. $\frac{1}{36}$
9. $\frac{1}{49}$
10. **18**
11. **12**
12. $\frac{1}{24}$
13. $\frac{1}{25}$



Solve each problem.

15

 $\frac{1}{6}$

45

 $\frac{1}{64}$ $\frac{1}{24}$ $\frac{1}{36}$

64

18

81

 $\frac{1}{49}$ **Answers**

- 1) A container of 6 metal beams weighed $\frac{1}{4}$ of a ton. If every beam weighed the same amount, how heavy was each?
- 2) At the end of the day a restaurant had $\frac{1}{8}$ of a pound of leftover food. If 8 employees wanted to split it, how much would each employee get?
- 3) A water hose used $\frac{1}{5}$ of a gallon of water every second. If Maria need to fill up 9 gallon sized containers, how many seconds would it take?
- 4) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{3}$ of a potato?
- 5) A sub shop sold sandwiches that were $\frac{1}{3}$ of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?
- 6) Henry had to write 9 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{9}$ of a page each hour?
- 7) An artist was able to draw $\frac{1}{8}$ of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?
- 8) 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?
- 9) A bakery used $\frac{1}{7}$ of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 10) An aquarium had 3 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{6}$ of a ton each month?

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