

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

- 1) A bakery used one-quarter of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 2) A bag of walnuts was 3 pounds. How many one-seventh of a pound servings are there in a bag?
- 3) An aquarium had 3 tons of fish food. How many months would it take them to use it all if they used one-half of a ton each month?
- 4) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?
- 5) John had to write 9 pages for a book report. How many hours would it take him to write it if he wrote one-quarter of a page each hour?
- 6) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-eighth of a box?
- 7) Carol had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-ninth of a bag?
- 8) A car wash had to make their soap last 3 days. If they only have one-seventh of a gallon of soap, how much should they use each day so it lasts 3 days?
- 9) A group of 6 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 10) A bulldozer could carry one-fifth of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?
- 11) At the end of the day a restaurant had one-third of a pound of leftover food. If 9 employees wanted to split it, how much would each employee get?
- 12) A water hose used one-half of a gallon of water every second. If Sarah need to fill up 3 gallon sized containers, how many seconds would it take?
- 13) A container of 8 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?

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Answers

1. $\frac{1}{28}$
2. **21**
3. **6**
4. **36**
5. **36**
6. **16**
7. **36**
8. $\frac{1}{21}$
9. $\frac{1}{54}$
10. **30**
11. $\frac{1}{27}$
12. **6**
13. $\frac{1}{64}$



Solve each problem.

Answers

36

36

 $\frac{1}{21}$

30

 $\frac{1}{28}$

36

 $\frac{1}{54}$

16

21

6

- 1) A bakery used $\frac{1}{4}$ of a bag of chocolate chips to make 7 batches of cookies. How much of the bag did they use for each batch?
- 2) A bag of walnuts was 3 pounds. How many $\frac{1}{7}$ of a pound servings are there in a bag?
- 3) An aquarium had 3 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{2}$ of a ton each month?
- 4) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{9}$ of a potato?
- 5) John had to write 9 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{4}$ of a page each hour?
- 6) A store had 2 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?
- 7) Carol had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took $\frac{1}{9}$ of a bag?
- 8) A car wash had to make their soap last 3 days. If they only have $\frac{1}{7}$ of a gallon of soap, how much should they use each day so it lasts 3 days?
- 9) A group of 6 friends bought a $\frac{1}{9}$ of a pound of bubblegum. If they split it equally, how much would each friend get?
- 10) A bulldozer could carry $\frac{1}{5}$ of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?

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