

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

- 1) Amy had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-ninth of a bag?
- 2) A malt shop used one-ninth of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?
- 3) An aquarium had 6 tons of fish food. How many months would it take them to use it all if they used one-quarter of a ton each month?
- 4) An artist was able to draw one-quarter of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?
- 5) Edward used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 7 smaller glasses how much sugar would be in each glass?
- 6) A pet store had 8 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?
- 7) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-half of a potato?
- 8) A lawn mowing company had to mow one-third of a mile of grass. To make it quicker, they split the amount evenly between 6 workers. What fraction of the mile did each person mow?
- 9) A container of 9 metal beams weighed one-seventh of a ton. If every beam weighed the same amount, how heavy was each?
- 10) A car wash had to make their soap last 9 days. If they only have one-sixth of a gallon of soap, how much should they use each day so it lasts 9 days?
- 11) A small book took one-fifth of a ream of paper to make. How many books could be made with 9 whole reams of paper?
- 12) A group of 7 friends bought a one-eighth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 13) A glass of water was one-sixth of a liter. How many glasses would it take to fill up a 2 liter jug?

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13. _____



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Answers

1. 72
2. 36
3. 24
4. 36
5. $\frac{1}{14}$
6. $\frac{1}{72}$
7. 10
8. $\frac{1}{18}$
9. $\frac{1}{63}$
10. $\frac{1}{54}$
11. 45
12. $\frac{1}{56}$
13. 12



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Answers

$\frac{1}{54}$

36

36

24

$\frac{1}{18}$

$\frac{1}{63}$

$\frac{1}{72}$

$\frac{1}{14}$

10

72

- 1) Amy had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took $\frac{1}{9}$ of a bag?
- 2) A malt shop used $\frac{1}{9}$ of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?
- 3) An aquarium had 6 tons of fish food. How many months would it take them to use it all if they used $\frac{1}{4}$ of a ton each month?
- 4) An artist was able to draw $\frac{1}{4}$ of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?
- 5) Edward used $\frac{1}{2}$ of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 7 smaller glasses how much sugar would be in each glass?
- 6) A pet store had 8 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?
- 7) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used $\frac{1}{2}$ of a potato?
- 8) A lawn mowing company had to mow $\frac{1}{3}$ of a mile of grass. To make it quicker, they split the amount evenly between 6 workers. What fraction of the mile did each person mow?
- 9) A container of 9 metal beams weighed $\frac{1}{7}$ of a ton. If every beam weighed the same amount, how heavy was each?
- 10) A car wash had to make their soap last 9 days. If they only have $\frac{1}{6}$ of a gallon of soap, how much should they use each day so it lasts 9 days?

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