

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

- 1) A bakery used one-fifth of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?
- 2) A car wash had to make their soap last 3 days. If they only have one-sixth of a gallon of soap, how much should they use each day so it lasts 3 days?
- 3) A chef used one-half of a bag of potatoes for a meal. If the potatoes fed 2 people, what fraction of the bag did each person get?
- 4) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 4 liter jug?
- 5) A container of 7 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?
- 6) Vanessa was trying to collect 8 pounds of cans to recycle. If she collects one-third of a pound each day, how many days will it take to collect 8 pounds?
- 7) Olivia had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-ninth of a bag?
- 8) A toy plush weighed one-ninth of a pound. A flimsy box can hold 8 pounds. How many toy plushes could the box hold?
- 9) A bag of walnuts was 5 pounds. How many one-eighth of a pound servings are there in a bag?
- 10) An artist was able to draw one-eighth of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?
- 11) An aquarium had 9 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?
- 12) At a restaurant 3 people were at a table when the waiter brought out one-ninth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 13) A farmer was dividing up his one-half of an acre of land between his 6 children. Since each child got the same amount of land, what fraction of the acre did each get?

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**Answers**

1.  $\frac{1}{15}$
2.  $\frac{1}{18}$
3.  $\frac{1}{4}$
4. **36**
5.  $\frac{1}{14}$
6. **24**
7. **72**
8. **72**
9. **40**
10. **72**
11. **18**
12.  $\frac{1}{27}$
13.  $\frac{1}{12}$



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- 2) A car wash had to make their soap last 3 days. If they only have  $\frac{1}{6}$  of a gallon of soap, how much should they use each day so it lasts 3 days?
- 3) A chef used  $\frac{1}{2}$  of a bag of potatoes for a meal. If the potatoes fed 2 people, what fraction of the bag did each person get?
- 4) A glass of water was  $\frac{1}{9}$  of a liter. How many glasses would it take to fill up a 4 liter jug?
- 5) A container of 7 metal beams weighed  $\frac{1}{2}$  of a ton. If every beam weighed the same amount, how heavy was each?
- 6) Vanessa was trying to collect 8 pounds of cans to recycle. If she collects  $\frac{1}{3}$  of a pound each day, how many days will it take to collect 8 pounds?
- 7) Olivia 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?
- 8) A toy plush weighed  $\frac{1}{9}$  of a pound. A flimsy box can hold 8 pounds. How many toy plushes could the box hold?
- 9) A bag of walnuts was 5 pounds. How many  $\frac{1}{8}$  of a pound servings are there in a bag?
- 10) An artist was able to draw  $\frac{1}{8}$  of a picture every hour. If he needed to paint 9 pictures for an art show, how many hours would it take him?

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