

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

- 1) A lawn mowing company had to mow one-third of a mile of grass. To make it quicker, they split the amount evenly between 4 workers. What fraction of the mile did each person mow?
- 2) At the end of the day a restaurant had one-sixth of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?
- 3) A moving company had one-eighth of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?
- 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) A malt shop used one-third of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?
- 6) A farmer was dividing up his one-ninth of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 7) At a restaurant 4 people were at a table when the waiter brought out one-third of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) A small book took one-fifth of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 9) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-ninth of a box?
- 10) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?
- 11) A glass of water was one-third of a liter. How many glasses would it take to fill up a 5 liter jug?
- 12) Paul had to write 3 pages for a book report. How many hours would it take him to write it if he wrote one-fifth of a page each hour?
- 13) A container of 9 metal beams weighed one-fifth of a ton. If every beam weighed the same amount, how heavy was each?

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**Answers**

1.  $\frac{1}{12}$
2.  $\frac{1}{36}$
3.  $\frac{1}{32}$
4. **36**
5. **12**
6.  $\frac{1}{63}$
7.  $\frac{1}{12}$
8. **40**
9. **18**
10.  $\frac{1}{35}$
11. **15**
12. **15**
13.  $\frac{1}{45}$



Solve each problem.

12

 $\frac{1}{32}$  $\frac{1}{36}$ 

18

36

 $\frac{1}{35}$  $\frac{1}{12}$ 

40

 $\frac{1}{63}$  $\frac{1}{12}$ **Answers**

- 1) 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 4 workers. What fraction of the mile did each person mow?
- 2) At the end of the day a restaurant had  $\frac{1}{6}$  of a pound of leftover food. If 6 employees wanted to split it, how much would each employee get?
- 3) A moving company had  $\frac{1}{8}$  of a ton of weight to move across town. If they wanted to split it equally amongst 4 trips, how much weight would they have on each trip?
- 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) A malt shop used  $\frac{1}{3}$  of a box of waffle cones every day they were open. How many days would 4 whole boxes last them?
- 6) A farmer was dividing up his  $\frac{1}{9}$  of an acre of land between his 7 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 7) At a restaurant 4 people were at a table when the waiter brought out  $\frac{1}{3}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) A small book took  $\frac{1}{5}$  of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 9) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold  $\frac{1}{9}$  of a box?
- 10) A chef used  $\frac{1}{5}$  of a bag of potatoes for a meal. If the potatoes fed 7 people, what fraction of the bag did each person get?

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