

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

- 1) A bag of walnuts was 7 pounds. How many one-eighth of a pound servings are there in a bag?
- 2) A small book took one-seventh of a ream of paper to make. How many books could be made with 3 whole reams of paper?
- 3) Rachel wanted her box of candy to last 3 days. If the box weighs one-fifth of pound, how much should she eat each day?
- 4) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold one-half of a box?
- 5) A water hose used one-third of a gallon of water every second. If Tiffany need to fill up 9 gallon sized containers, how many seconds would it take?
- 6) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-quarter of a potato?
- 7) A group of 5 friends bought a one-quarter of a pound of bubblegum. If they split it equally, how much would each friend get?
- 8) Mike used one-quarter of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?
- 9) An aquarium had 3 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?
- 10) At a restaurant 8 people were at a table when the waiter brought out one-fifth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 11) A farmer was dividing up his one-seventh of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 12) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 9 people, what fraction of the bag did each person get?
- 13) An artist was able to draw one-half of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?

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Answers

1. 56
2. 21
3.  $\frac{1}{15}$
4. 4
5. 27
6. 28
7.  $\frac{1}{20}$
8.  $\frac{1}{32}$
9. 12
10.  $\frac{1}{40}$
11.  $\frac{1}{28}$
12.  $\frac{1}{54}$
13. 16



Solve each problem.

27

21

 $\frac{1}{15}$  $\frac{1}{20}$ 

12

 $\frac{1}{32}$ 

4

56

 $\frac{1}{40}$ 

28

**Answers**

- 1) A bag of walnuts was 7 pounds. How many  $\frac{1}{8}$  of a pound servings are there in a bag?
- 2) A small book took  $\frac{1}{7}$  of a ream of paper to make. How many books could be made with 3 whole reams of paper?
- 3) Rachel wanted her box of candy to last 3 days. If the box weighs  $\frac{1}{5}$  of pound, how much should she eat each day?
- 4) A store had 2 boxes of video games. How many days would it take to sell the games if each day they sold  $\frac{1}{2}$  of a box?
- 5) A water hose used  $\frac{1}{3}$  of a gallon of water every second. If Tiffany need to fill up 9 gallon sized containers, how many seconds would it take?
- 6) A chef had 7 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{4}$  of a potato?
- 7) A group of 5 friends bought a  $\frac{1}{4}$  of a pound of bubblegum. If they split it equally, how much would each friend get?
- 8) Mike used  $\frac{1}{4}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?
- 9) An aquarium had 3 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?
- 10) At a restaurant 8 people were at a table when the waiter brought out  $\frac{1}{5}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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10. \_\_\_\_\_

**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.  $\frac{1}{12}$



Solve each problem.

$\frac{1}{18}$

$\frac{1}{14}$

72

72

$\frac{1}{15}$

24

$\frac{1}{4}$

40

36

72

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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- 1) A bakery used  $\frac{1}{5}$  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  $\frac{1}{6}$  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?
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- 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?

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

- 1) A pet store had 7 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?
- 2) A farmer was dividing up his one-sixth of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 3) A pizzeria had 5 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-third of a can?
- 4) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?
- 5) Cody used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
- 6) A malt shop used one-half of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?
- 7) Adam had to write 4 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?
- 8) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 9 people, what fraction of the bag did each person get?
- 9) A small book took one-seventh of a ream of paper to make. How many books could be made with 6 whole reams of paper?
- 10) A group of 6 friends bought a one-fifth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 11) A bulldozer could carry one-sixth of a ton of sand. If a park needed 6 tons of sand, how many loads would the bulldozer need to carry?
- 12) How many one-half cup servings are in 3 cups of pecans?
- 13) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-half of a potato?

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**Answers**

1.  $\frac{1}{28}$
2.  $\frac{1}{54}$
3. **15**
4.  $\frac{1}{10}$
5.  $\frac{1}{8}$
6. **12**
7. **16**
8.  $\frac{1}{54}$
9. **42**
10.  $\frac{1}{30}$
11. **36**
12. **6**
13. **16**





Solve each problem.

$\frac{1}{54}$

$\frac{1}{8}$

42

16

$\frac{1}{54}$

12

$\frac{1}{30}$

$\frac{1}{10}$

15

$\frac{1}{28}$

**Answers**

- 1) A pet store had 7 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?
- 2) A farmer was dividing up his  $\frac{1}{6}$  of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 3) A pizzeria had 5 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took  $\frac{1}{3}$  of a can?
- 4) A sub shop sold sandwiches that were  $\frac{1}{5}$  of a foot long. If you were to cut the sandwich into 2 equal pieces, what fraction of a foot would each piece be?
- 5) Cody used  $\frac{1}{2}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 4 smaller glasses how much sugar would be in each glass?
- 6) A malt shop used  $\frac{1}{2}$  of a box of waffle cones every day they were open. How many days would 6 whole boxes last them?
- 7) Adam had to write 4 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?
- 8) A chef used  $\frac{1}{6}$  of a bag of potatoes for a meal. If the potatoes fed 9 people, what fraction of the bag did each person get?
- 9) A small book took  $\frac{1}{7}$  of a ream of paper to make. How many books could be made with 6 whole reams of paper?
- 10) A group of 6 friends bought a  $\frac{1}{5}$  of a pound of bubblegum. If they split it equally, how much would each friend get?

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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

Answers

- 1) Kaleb used one-quarter of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?
- 2) A bag of walnuts was 8 pounds. How many one-fifth of a pound servings are there in a bag?
- 3) A moving company had one-sixth 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 small book took one-quarter of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 5) An artist was able to draw one-sixth of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?
- 6) A toy plush weighed one-quarter of a pound. A flimsy box can hold 3 pounds. How many toy plushes could the box hold?
- 7) A group of 7 friends bought a one-third of a pound of bubblegum. If they split it equally, how much would each friend get?
- 8) A sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 4 equal pieces, what fraction of a foot would each piece be?
- 9) Paige had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took one-third of a bag?
- 10) At a restaurant 6 people were at a table when the waiter brought out one-seventh of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 11) A bakery used one-fifth of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?
- 12) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 6 liter jug?
- 13) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?

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13. \_\_\_\_\_



Solve each problem.

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**Answers**

1.  $\frac{1}{32}$
2. **40**
3.  $\frac{1}{24}$
4. **32**
5. **48**
6. **12**
7.  $\frac{1}{21}$
8.  $\frac{1}{16}$
9. **12**
10.  $\frac{1}{42}$
11.  $\frac{1}{40}$
12. **54**
13. **72**



Solve each problem.

48

 $\frac{1}{21}$  $\frac{1}{42}$ 

12

40

 $\frac{1}{24}$  $\frac{1}{32}$ 

32

 $\frac{1}{16}$ 

12

**Answers**

- 1) Kaleb used  $\frac{1}{4}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 8 smaller glasses how much sugar would be in each glass?
- 2) A bag of walnuts was 8 pounds. How many  $\frac{1}{5}$  of a pound servings are there in a bag?
- 3) A moving company had  $\frac{1}{6}$  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 small book took  $\frac{1}{4}$  of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 5) An artist was able to draw  $\frac{1}{6}$  of a picture every hour. If he needed to paint 8 pictures for an art show, how many hours would it take him?
- 6) A toy plush weighed  $\frac{1}{4}$  of a pound. A flimsy box can hold 3 pounds. How many toy plushes could the box hold?
- 7) A group of 7 friends bought a  $\frac{1}{3}$  of a pound of bubblegum. If they split it equally, how much would each friend get?
- 8) A sub shop sold sandwiches that were  $\frac{1}{4}$  of a foot long. If you were to cut the sandwich into 4 equal pieces, what fraction of a foot would each piece be?
- 9) Paige had picked 4 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{3}$  of a bag?
- 10) At a restaurant 6 people were at a table when the waiter brought out  $\frac{1}{7}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

Answers

- 1) A pet store had 3 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? 1. \_\_\_\_\_
- 2) A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug? 2. \_\_\_\_\_
- 3) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get? 3. \_\_\_\_\_
- 4) How many one-quarter cup servings are in 5 cups of pecans? 4. \_\_\_\_\_
- 5) A bag of walnuts was 2 pounds. How many one-sixth of a pound servings are there in a bag? 5. \_\_\_\_\_
- 6) Mike used one-quarter of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass? 6. \_\_\_\_\_
- 7) A toy plush weighed one-eighth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold? 7. \_\_\_\_\_
- 8) Jerry had to write 9 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour? 8. \_\_\_\_\_
- 9) A farmer was dividing up his one-ninth of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get? 9. \_\_\_\_\_
- 10) At a restaurant 5 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? 10. \_\_\_\_\_
- 11) An artist was able to draw one-third of a picture every hour. If he needed to paint 2 pictures for an art show, how many hours would it take him? 11. \_\_\_\_\_
- 12) A moving company had one-third of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip? 12. \_\_\_\_\_
- 13) A container of 4 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each? 13. \_\_\_\_\_



Solve each problem.

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- 2) A glass of water was one-third of a liter. How many glasses would it take to fill up a 2 liter jug?
- 3) A chef used one-seventh of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?
- 4) How many one-quarter cup servings are in 5 cups of pecans?
- 5) A bag of walnuts was 2 pounds. How many one-sixth of a pound servings are there in a bag?
- 6) Mike used one-quarter of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass?
- 7) A toy plush weighed one-eighth of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?
- 8) Jerry had to write 9 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour?
- 9) A farmer was dividing up his one-ninth of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 10) At a restaurant 5 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?
- 11) An artist was able to draw one-third of a picture every hour. If he needed to paint 2 pictures for an art show, how many hours would it take him?
- 12) A moving company had one-third of a ton of weight to move across town. If they wanted to split it equally amongst 7 trips, how much weight would they have on each trip?
- 13) A container of 4 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?

**Answers**

1.  $\frac{1}{12}$
2. **6**
3.  $\frac{1}{35}$
4. **20**
5. **12**
6.  $\frac{1}{12}$
7. **56**
8. **63**
9.  $\frac{1}{18}$
10.  $\frac{1}{15}$
11. **6**
12.  $\frac{1}{21}$
13.  $\frac{1}{8}$



Solve each problem.

6

 $\frac{1}{12}$  $\frac{1}{18}$  $\frac{1}{35}$ 

20

 $\frac{1}{12}$ 

12

63

 $\frac{1}{15}$ 

56

**Answers**

- 1) A pet store had 3 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?
- 2) A glass of water was  $\frac{1}{3}$  of a liter. How many glasses would it take to fill up a 2 liter jug?
- 3) A chef used  $\frac{1}{7}$  of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?
- 4) How many  $\frac{1}{4}$  cup servings are in 5 cups of pecans?
- 5) A bag of walnuts was 2 pounds. How many  $\frac{1}{6}$  of a pound servings are there in a bag?
- 6) Mike used  $\frac{1}{4}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 3 smaller glasses how much sugar would be in each glass?
- 7) A toy plush weighed  $\frac{1}{8}$  of a pound. A flimsy box can hold 7 pounds. How many toy plushes could the box hold?
- 8) Jerry had to write 9 pages for a book report. How many hours would it take him to write it if he wrote  $\frac{1}{7}$  of a page each hour?
- 9) A farmer was dividing up his  $\frac{1}{9}$  of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 10) At a restaurant 5 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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**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? 1. \_\_\_\_\_
- 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? 2. \_\_\_\_\_
- 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? 3. \_\_\_\_\_
- 4) A chef had 4 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato? 4. \_\_\_\_\_
- 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? 5. \_\_\_\_\_
- 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? 6. \_\_\_\_\_
- 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? 7. \_\_\_\_\_
- 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? 8. \_\_\_\_\_
- 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? 9. \_\_\_\_\_
- 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? 10. \_\_\_\_\_
- 11) A glass of water was one-third of a liter. How many glasses would it take to fill up a 5 liter jug? 11. \_\_\_\_\_
- 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? 12. \_\_\_\_\_
- 13) A container of 9 metal beams weighed one-fifth of a ton. If every beam weighed the same amount, how heavy was each? 13. \_\_\_\_\_





Solve each problem.

- 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?

**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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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

- 1) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
- 2) A container of 3 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?
- 3) Bianca had picked 9 bags of oranges. How many glasses of orange juice could she make if each glass took one-sixth of a bag?
- 4) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-quarter of a can?
- 5) A toy plush weighed one-sixth of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?
- 6) Olivia wanted her box of candy to last 9 days. If the box weighs one-seventh of pound, how much should she eat each day?
- 7) At a restaurant 6 people were at a table when the waiter brought out one-sixth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) Cody used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?
- 9) A bag of walnuts was 6 pounds. How many one-seventh of a pound servings are there in a bag?
- 10) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-third of a potato?
- 11) A group of 3 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 12) A farmer was dividing up his one-third of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 13) A glass of water was one-quarter of a liter. How many glasses would it take to fill up a 5 liter jug?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



Solve each problem.

- 1) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
- 2) A container of 3 metal beams weighed one-half of a ton. If every beam weighed the same amount, how heavy was each?
- 3) Bianca had picked 9 bags of oranges. How many glasses of orange juice could she make if each glass took one-sixth of a bag?
- 4) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-quarter of a can?
- 5) A toy plush weighed one-sixth of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?
- 6) Olivia wanted her box of candy to last 9 days. If the box weighs one-seventh of pound, how much should she eat each day?
- 7) At a restaurant 6 people were at a table when the waiter brought out one-sixth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) Cody used one-half of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?
- 9) A bag of walnuts was 6 pounds. How many one-seventh of a pound servings are there in a bag?
- 10) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-third of a potato?
- 11) A group of 3 friends bought a one-ninth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 12) A farmer was dividing up his one-third of an acre of land between his 9 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 13) A glass of water was one-quarter of a liter. How many glasses would it take to fill up a 5 liter jug?

**Answers**

1.  $\frac{1}{25}$
2.  $\frac{1}{6}$
3. **54**
4. **36**
5. **12**
6.  $\frac{1}{63}$
7.  $\frac{1}{36}$
8.  $\frac{1}{12}$
9. **42**
10. **24**
11.  $\frac{1}{27}$
12.  $\frac{1}{27}$
13. **20**



Solve each problem.

24

12

 $\frac{1}{6}$ 

54

42

 $\frac{1}{36}$  $\frac{1}{12}$ 

36

 $\frac{1}{25}$  $\frac{1}{63}$ **Answers**

- 1) A sub shop sold sandwiches that were  $\frac{1}{5}$  of a foot long. If you were to cut the sandwich into 5 equal pieces, what fraction of a foot would each piece be?
- 2) A container of 3 metal beams weighed  $\frac{1}{2}$  of a ton. If every beam weighed the same amount, how heavy was each?
- 3) Bianca had picked 9 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{6}$  of a bag?
- 4) A pizzeria had 9 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took  $\frac{1}{4}$  of a can?
- 5) A toy plush weighed  $\frac{1}{6}$  of a pound. A flimsy box can hold 2 pounds. How many toy plushes could the box hold?
- 6) Olivia wanted her box of candy to last 9 days. If the box weighs  $\frac{1}{7}$  of pound, how much should she eat each day?
- 7) At a restaurant 6 people were at a table when the waiter brought out  $\frac{1}{6}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 8) Cody used  $\frac{1}{2}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 6 smaller glasses how much sugar would be in each glass?
- 9) A bag of walnuts was 6 pounds. How many  $\frac{1}{7}$  of a pound servings are there in a bag?
- 10) A chef had 8 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{3}$  of a potato?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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

- 1) A sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 2) Edward used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?
- 3) A glass of water was one-sixth of a liter. How many glasses would it take to fill up a 9 liter jug?
- 4) A farmer was dividing up his one-seventh of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 5) A chef had 6 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?
- 6) Cody had to write 6 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?
- 7) A pet store had 4 cats to feed. If they only had one-third of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 8) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?
- 9) A small book took one-eighth of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 10) Sarah was trying to collect 7 pounds of cans to recycle. If she collects one-quarter of a pound each day, how many days will it take to collect 7 pounds?
- 11) A toy plush weighed one-sixth of a pound. A flimsy box can hold 5 pounds. How many toy plushes could the box hold?
- 12) Debby wanted her box of candy to last 7 days. If the box weighs one-sixth of pound, how much should she eat each day?
- 13) A bakery used one-seventh of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_



Solve each problem.

- 1) A sub shop sold sandwiches that were one-quarter of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 2) Edward used one-fifth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?
- 3) A glass of water was one-sixth of a liter. How many glasses would it take to fill up a 9 liter jug?
- 4) A farmer was dividing up his one-seventh of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 5) A chef had 6 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-ninth of a potato?
- 6) Cody had to write 6 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?
- 7) A pet store had 4 cats to feed. If they only had one-third of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 8) A chef used one-fifth of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?
- 9) A small book took one-eighth of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 10) Sarah was trying to collect 7 pounds of cans to recycle. If she collects one-quarter of a pound each day, how many days will it take to collect 7 pounds?
- 11) A toy plush weighed one-sixth of a pound. A flimsy box can hold 5 pounds. How many toy plushes could the box hold?
- 12) Debby wanted her box of candy to last 7 days. If the box weighs one-sixth of pound, how much should she eat each day?
- 13) A bakery used one-seventh of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

**Answers**

1.  $\frac{1}{32}$
2.  $\frac{1}{10}$
3. **54**
4.  $\frac{1}{28}$
5. **54**
6. **30**
7.  $\frac{1}{12}$
8.  $\frac{1}{15}$
9. **64**
10. **28**
11. **30**
12.  $\frac{1}{42}$
13.  $\frac{1}{21}$



Solve each problem.

**Answers**

64

 $\frac{1}{10}$ 

54

 $\frac{1}{28}$  $\frac{1}{12}$ 

30

28

 $\frac{1}{15}$  $\frac{1}{32}$ 

54

- 1) A sub shop sold sandwiches that were  $\frac{1}{4}$  of a foot long. If you were to cut the sandwich into 8 equal pieces, what fraction of a foot would each piece be?
- 2) Edward used  $\frac{1}{5}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?
- 3) A glass of water was  $\frac{1}{6}$  of a liter. How many glasses would it take to fill up a 9 liter jug?
- 4) A farmer was dividing up his  $\frac{1}{7}$  of an acre of land between his 4 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 5) A chef had 6 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{9}$  of a potato?
- 6) Cody had to write 6 pages for a book report. How many hours would it take him to write it if he wrote  $\frac{1}{5}$  of a page each hour?
- 7) A pet store had 4 cats to feed. If they only had  $\frac{1}{3}$  of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?
- 8) A chef used  $\frac{1}{5}$  of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?
- 9) A small book took  $\frac{1}{8}$  of a ream of paper to make. How many books could be made with 8 whole reams of paper?
- 10) Sarah was trying to collect 7 pounds of cans to recycle. If she collects  $\frac{1}{4}$  of a pound each day, how many days will it take to collect 7 pounds?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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

- 1) A car wash had to make their soap last 7 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 7 days? 1. \_\_\_\_\_
- 2) A farmer was dividing up his one-seventh of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get? 2. \_\_\_\_\_
- 3) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-eighth of a can? 3. \_\_\_\_\_
- 4) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-quarter of a potato? 4. \_\_\_\_\_
- 5) George had to write 7 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? 5. \_\_\_\_\_
- 6) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get? 6. \_\_\_\_\_
- 7) Oliver used one-eighth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass? 7. \_\_\_\_\_
- 8) Emily had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag? 8. \_\_\_\_\_
- 9) A small book took one-third of a ream of paper to make. How many books could be made with 7 whole reams of paper? 9. \_\_\_\_\_
- 10) A bakery used one-third of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch? 10. \_\_\_\_\_
- 11) A group of 4 friends bought a one-quarter of a pound of bubblegum. If they split it equally, how much would each friend get? 11. \_\_\_\_\_
- 12) A malt shop used one-ninth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them? 12. \_\_\_\_\_
- 13) An aquarium had 9 tons of fish food. How many months would it take them to use it all if they used one-third of a ton each month? 13. \_\_\_\_\_



Solve each problem.

- 1) A car wash had to make their soap last 7 days. If they only have one-third of a gallon of soap, how much should they use each day so it lasts 7 days?
- 2) A farmer was dividing up his one-seventh of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 3) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took one-eighth of a can?
- 4) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-quarter of a potato?
- 5) George had to write 7 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?
- 6) A chef used one-sixth of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?
- 7) Oliver used one-eighth of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?
- 8) Emily had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took one-half of a bag?
- 9) A small book took one-third of a ream of paper to make. How many books could be made with 7 whole reams of paper?
- 10) A bakery used one-third of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?
- 11) A group of 4 friends bought a one-quarter of a pound of bubblegum. If they split it equally, how much would each friend get?
- 12) A malt shop used one-ninth of a box of waffle cones every day they were open. How many days would 2 whole boxes last them?
- 13) An aquarium had 9 tons of fish food. How many months would it take them to use it all if they used one-third of a ton each month?

**Answers**

1.  $\frac{1}{21}$
2.  $\frac{1}{14}$
3. **48**
4. **20**
5. **63**
6.  $\frac{1}{18}$
7.  $\frac{1}{72}$
8. **16**
9. **21**
10.  $\frac{1}{24}$
11.  $\frac{1}{16}$
12. **18**
13. **27**



Solve each problem.

$\frac{1}{14}$

$\frac{1}{72}$

20

16

63

$\frac{1}{21}$

$\frac{1}{24}$

 $\frac{1}{18}$ 

48

21

**Answers**

- 1) A car wash had to make their soap last 7 days. If they only have  $\frac{1}{3}$  of a gallon of soap, how much should they use each day so it lasts 7 days?
- 2) A farmer was dividing up his  $\frac{1}{7}$  of an acre of land between his 2 children. Since each child got the same amount of land, what fraction of the acre did each get?
- 3) A pizzeria had 6 cans of tomato sauce. How many pizzas could they make with the cans if each pizza took  $\frac{1}{8}$  of a can?
- 4) A chef had 5 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{4}$  of a potato?
- 5) George had to write 7 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?
- 6) A chef used  $\frac{1}{6}$  of a bag of potatoes for a meal. If the potatoes fed 3 people, what fraction of the bag did each person get?
- 7) Oliver used  $\frac{1}{8}$  of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 9 smaller glasses how much sugar would be in each glass?
- 8) Emily had picked 8 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{2}$  of a bag?
- 9) A small book took  $\frac{1}{3}$  of a ream of paper to make. How many books could be made with 7 whole reams of paper?
- 10) A bakery used  $\frac{1}{3}$  of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?

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

- 1) A bakery used one-sixth of a bag of chocolate chips to make 8 batches of cookies. How much of the bag did they use for each batch?
- 2) Janet wanted her box of candy to last 5 days. If the box weighs one-ninth of pound, how much should she eat each day?
- 3) A bag of walnuts was 7 pounds. How many one-fifth of a pound servings are there in a bag?
- 4) A group of 8 friends bought a one-seventh of a pound of bubblegum. If they split it equally, how much would each friend get?
- 5) A lawn mowing company had to mow one-seventh of a mile of grass. To make it quicker, they split the amount evenly between 9 workers. What fraction of the mile did each person mow?
- 6) Sam had to write 2 pages for a book report. How many hours would it take him to write it if he wrote one-seventh of a page each hour?
- 7) Henry used one-fifth 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?
- 8) A moving company had one-ninth of a ton of weight to move across town. If they wanted to split it equally amongst 2 trips, how much weight would they have on each trip?
- 9) A car wash had to make their soap last 8 days. If they only have one-quarter of a gallon of soap, how much should they use each day so it lasts 8 days?
- 10) A small book took one-sixth of a ream of paper to make. How many books could be made with 7 whole reams of paper?
- 11) At a restaurant 2 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?
- 12) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold one-half of a box?
- 13) Sarah was trying to collect 3 pounds of cans to recycle. If she collects one-half of a pound each day, how many days will it take to collect 3 pounds?

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**Answers**

1.  $\frac{1}{48}$
2.  $\frac{1}{45}$
3. **35**
4.  $\frac{1}{56}$
5.  $\frac{1}{63}$
6. **14**
7.  $\frac{1}{35}$
8.  $\frac{1}{18}$
9.  $\frac{1}{32}$
10. **42**
11.  $\frac{1}{6}$
12. **16**
13. **6**



Solve each problem.

$\frac{1}{48}$

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