



Use division to solve each problem.

- 1) At the carnival, three friends bought twenty-three tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 2) A container can hold seven orange slices. If a company had forty-five orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Jerry was trying to beat his old score of thirteen points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?
- 4) A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?
- 5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy?
- 6) A machine in a candy company creates twenty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?
- 7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need?
- 8) An airline has fifteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes three apples to make an apple pie. If a chef bought seventeen apples, the last pie would need how many more apples?
- 10) A baker had three boxes for donuts. He ended up making seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

**Answers**

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Use division to solve each problem.

		<u>Answers</u>
1) At the carnival, three friends bought twenty-three tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	$23 \div 3 = 7 \text{ r}2$	1. <u>1</u>
2) A container can hold seven orange slices. If a company had forty-five orange slices to put into containers, how many more slices would they need to fill up the last container?	$45 \div 7 = 6 \text{ r}3$	2. <u>4</u> 3. <u>5</u>
3) Jerry was trying to beat his old score of thirteen points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?	$13 \div 3 = 4 \text{ r}1$	4. <u>9</u> 5. <u>7</u>
4) A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?	$39 \div 4 = 9 \text{ r}3$	6. <u>3</u> 7. <u>6</u>
5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy?	$60 \div 9 = 6 \text{ r}6$	8. <u>1</u> 9. <u>1</u>
6) A machine in a candy company creates twenty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?	$21 \div 6 = 3 \text{ r}3$	10. <u>1</u>
7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need?	$45 \div 8 = 5 \text{ r}5$	
8) An airline has fifteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?	$15 \div 2 = 7 \text{ r}1$	
9) It takes three apples to make an apple pie. If a chef bought seventeen apples, the last pie would need how many more apples?	$17 \div 3 = 5 \text{ r}2$	
10) A baker had three boxes for donuts. He ended up making seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$7 \div 3 = 2 \text{ r}1$	



Use division to solve each problem.

5	1	1	9	3
4	1	1	7	6

**Answers**

- 1) At the carnival, 3 friends bought 23 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 2) A container can hold 7 orange slices. If a company had 45 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Jerry was trying to beat his old score of 13 points in a video game. If he scores exactly 3 points each round, how many rounds would he need to play to beat his old score?
- 4) A vat of orange juice was 39 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?
- 5) A movie theater needed 60 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy?
- 6) A machine in a candy company creates 21 pieces of candy a minute. If a small box of candy has 6 pieces in it how many full boxes does the machine make in a minute?
- 7) A librarian had to pack 45 books into boxes. If each box can hold 8 books, how many boxes did she need?
- 8) An airline has 15 pieces of luggage to put away. If each luggage compartment will hold 2 pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes 3 apples to make an apple pie. If a chef bought 17 apples, the last pie would need how many more apples?
- 10) A baker had 3 boxes for donuts. He ended up making 7 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

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