

**Use division to solve each problem.****Answers**

- 1) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A cafeteria was putting milk cartons into stacks. They had forty-nine cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?
- 3) An airline has twenty-two pieces of luggage to put away. If each luggage compartment will hold four pieces of luggage, how many will be in the compartment that isn't full?
- 4) A box of cupcakes cost \$two. If you had seven dollars and bought as many boxes as you could, how much money would you have left?
- 5) A container can hold nine orange slices. If a company had twenty-six orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) It takes eight apples to make an apple pie. If a chef bought twenty-nine apples, the last pie would need how many more apples?
- 7) Jerry bought fifty-two pieces of candy to give to six of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 8) A movie theater needed twenty-five popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?
- 9) A restaurant needs to buy seven new plates. If each box has two plates in it, how many boxes will they need to buy?
- 10) There are five students going to a trivia competition. If each school van can hold two students, how many vans will they need?

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**Use division to solve each problem.**

			Answers
1) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?	$33 \div 6 = 5 \text{ r}3$	1.	5
2) A cafeteria was putting milk cartons into stacks. They had forty-nine cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?	$49 \div 8 = 6 \text{ r}1$	2.	6
3) An airline has twenty-two pieces of luggage to put away. If each luggage compartment will hold four pieces of luggage, how many will be in the compartment that isn't full?	$22 \div 4 = 5 \text{ r}2$	3.	2
4) A box of cupcakes cost \$two. If you had seven dollars and bought as many boxes as you could, how much money would you have left?	$7 \div 2 = 3 \text{ r}1$	4.	1
5) A container can hold nine orange slices. If a company had twenty-six orange slices to put into containers, how many more slices would they need to fill up the last container?	$26 \div 9 = 2 \text{ r}8$	5.	1
6) It takes eight apples to make an apple pie. If a chef bought twenty-nine apples, the last pie would need how many more apples?	$29 \div 8 = 3 \text{ r}5$	6.	3
7) Jerry bought fifty-two pieces of candy to give to six of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$52 \div 6 = 8 \text{ r}4$	7.	4
8) A movie theater needed twenty-five popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	$25 \div 4 = 6 \text{ r}1$	8.	7
9) A restaurant needs to buy seven new plates. If each box has two plates in it, how many boxes will they need to buy?	$7 \div 2 = 3 \text{ r}1$	9.	4
10) There are five students going to a trivia competition. If each school van can hold two students, how many vans will they need?	$5 \div 2 = 2 \text{ r}1$	10.	3

**Use division to solve each problem.****Answers**

7	4	4	5	3
1	2	6	3	1

- 1) A vat of orange juice was 33 pints. If you wanted to pour the vat into 6 glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A cafeteria was putting milk cartons into stacks. They had 49 cartons and were putting them into stacks with 8 cartons in each stack. How many full stacks could they make?
- 3) An airline has 22 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full?
- 4) A box of cupcakes cost \$2. If you had 7 dollars and bought as many boxes as you could, how much money would you have left?
- 5) A container can hold 9 orange slices. If a company had 26 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) It takes 8 apples to make an apple pie. If a chef bought 29 apples, the last pie would need how many more apples?
- 7) Jerry bought 52 pieces of candy to give to 6 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 8) A movie theater needed 25 popcorn buckets. If each package has 4 buckets in it, how many packages will they need to buy?
- 9) A restaurant needs to buy 7 new plates. If each box has 2 plates in it, how many boxes will they need to buy?
- 10) There are 5 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?

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