

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

- 1) A pizza store had seven hundred seventy-four pieces of pepperoni to put on their pizzas. If each pizza got thirty-six pieces, how many extra pieces of pepperoni would they have?
- 2) A recycling company had eight hundred pounds of material to sort. To make it easier they split them into boxes with each full box having forty-two pounds, how many full boxes did they have?
- 3) Vanessa had saved up four hundred thirty-three quarters and decided to spend them on sodas. If it costs eighteen quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 4) It takes twenty-seven cherries to make a cherry pie. If a chef bought seven hundred forty cherries, the last pie would need how many more cherries?
- 5) A movie theater needed three hundred fifty-eight popcorn buckets. If each package has forty buckets in it, how many packages will they need to buy?
- 6) A cafeteria was putting milk cartons into stacks. They had six hundred thirty-three cartons and were putting them into stacks with twenty-six cartons in each sack. How many full stacks could they make?
- 7) A box of computer paper has eight hundred thirty-four sheets left in it. If each printer in a computer lab needed fourteen sheets how many printers would the box fill up?
- 8) Frank is trying to earn eight hundred dollars for some new video games. If he charges fourteen dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 9) An airline has six hundred seventy-eight pieces of luggage to put away. If each luggage compartment will hold forty-one pieces of luggage, how many will be in the compartment that isn't full?
- 10) Paul wanted to give each of his thirty-eight friends an equal amount of candy. At the store he bought eight hundred twenty-three pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

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**Solve each problem.**

			Answers
1) A pizza store had seven hundred seventy-four pieces of pepperoni to put on their pizzas. If each pizza got thirty-six pieces, how many extra pieces of pepperoni would they have?	$774 \div 36 = 21 \text{ r}18$	1.	18
2) A recycling company had eight hundred pounds of material to sort. To make it easier they split them into boxes with each full box having forty-two pounds, how many full boxes did they have?	$800 \div 42 = 19 \text{ r}2$	2.	19
3) Vanessa had saved up four hundred thirty-three quarters and decided to spend them on sodas. If it costs eighteen quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?	$433 \div 18 = 24 \text{ r}1$	3.	17
4) It takes twenty-seven cherries to make a cherry pie. If a chef bought seven hundred forty cherries, the last pie would need how many more cherries?	$740 \div 27 = 27 \text{ r}11$	4.	16
5) A movie theater needed three hundred fifty-eight popcorn buckets. If each package has forty buckets in it, how many packages will they need to buy?	$358 \div 40 = 8 \text{ r}38$	5.	9
6) A cafeteria was putting milk cartons into stacks. They had six hundred thirty-three cartons and were putting them into stacks with twenty-six cartons in each sack. How many full stacks could they make?	$633 \div 26 = 24 \text{ r}9$	6.	24
7) A box of computer paper has eight hundred thirty-four sheets left in it. If each printer in a computer lab needed fourteen sheets how many printers would the box fill up?	$834 \div 14 = 59 \text{ r}8$	7.	59
8) Frank is trying to earn eight hundred dollars for some new video games. If he charges fourteen dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$800 \div 14 = 57 \text{ r}2$	8.	58
9) An airline has six hundred seventy-eight pieces of luggage to put away. If each luggage compartment will hold forty-one pieces of luggage, how many will be in the compartment that isn't full?	$678 \div 41 = 16 \text{ r}22$	9.	22
10) Paul wanted to give each of his thirty-eight friends an equal amount of candy. At the store he bought eight hundred twenty-three pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$823 \div 38 = 21 \text{ r}25$	10.	13



Solve each problem.

Answers

24	18	9	22	59
16	17	13	58	19

- 1) A pizza store had 774 pieces of pepperoni to put on their pizzas. If each pizza got 36 pieces, how many extra pieces of pepperoni would they have?
- 2) A recycling company had 800 pounds of material to sort. To make it easier they split them into boxes with each full box having 42 pounds, how many full boxes did they have?
- 3) Vanessa had saved up 433 quarters and decided to spend them on sodas. If it costs 18 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 4) It takes 27 cherries to make a cherry pie. If a chef bought 740 cherries, the last pie would need how many more cherries?
- 5) A movie theater needed 358 popcorn buckets. If each package has 40 buckets in it, how many packages will they need to buy?
- 6) A cafeteria was putting milk cartons into stacks. They had 633 cartons and were putting them into stacks with 26 cartons in each sack. How many full stacks could they make?
- 7) A box of computer paper has 834 sheets left in it. If each printer in a computer lab needed 14 sheets how many printers would the box fill up?
- 8) Frank is trying to earn 800 dollars for some new video games. If he charges 14 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 9) An airline has 678 pieces of luggage to put away. If each luggage compartment will hold 41 pieces of luggage, how many will be in the compartment that isn't full?
- 10) Paul wanted to give each of his 38 friends an equal amount of candy. At the store he bought 823 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

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