

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

- 1) Paige received two hundred eighty-eight dollars for her birthday. Later she found some toys that cost thirty-seven dollars each. How much money would she have left if she bought as many as she could?
- 2) There are six hundred twenty-nine students going to a trivia competition. If each school van can hold fifteen students, how many vans will they need?
- 3) Gwen had nine hundred twenty-one songs on her mp3 player. If she wanted to put the songs equally into twenty-nine different playlists, how many songs would she have left over?
- 4) Each house a carpenter builds needs fourteen sinks. If he bought six hundred seventy-five sinks, how many houses would that cover?
- 5) A librarian had to pack seven hundred eighty-two books into boxes. If each box can hold forty-seven books, how many boxes did she need?
- 6) At the carnival, twenty-six friends bought eight hundred 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?
- 7) A clown needed two hundred thirty-two balloons for a party he was going to, but the balloons only came in packs of twenty-three. How many packs of balloons would he need to buy?
- 8) Paul had three hundred six pieces of candy. If he wants to split the candy into thirty-three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 9) A pizza store had five hundred ninety-eight pieces of pepperoni to put on their pizzas. If each pizza got nineteen pieces, how many extra pieces of pepperoni would they have?
- 10) Sarah had two hundred eight pennies. She wanted to place the pennies into twenty-four stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

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**Solve each problem.**

			<u>Answers</u>
1) Paige received two hundred eighty-eight dollars for her birthday. Later she found some toys that cost thirty-seven dollars each. How much money would she have left if she bought as many as she could?	$288\div 37 = 7 \text{ r}29$	1.	29
2) There are six hundred twenty-nine students going to a trivia competition. If each school van can hold fifteen students, how many vans will they need?	$629\div 15 = 41 \text{ r}14$	2.	42
3) Gwen had nine hundred twenty-one songs on her mp3 player. If she wanted to put the songs equally into twenty-nine different playlists, how many songs would she have left over?	$921\div 29 = 31 \text{ r}22$	3.	22
4) Each house a carpenter builds needs fourteen sinks. If he bought six hundred seventy-five sinks, how many houses would that cover?	$675\div 14 = 48 \text{ r}3$	4.	48
5) A librarian had to pack seven hundred eighty-two books into boxes. If each box can hold forty-seven books, how many boxes did she need?	$782\div 47 = 16 \text{ r}30$	5.	17
6) At the carnival, twenty-six friends bought eight hundred 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?	$823\div 26 = 31 \text{ r}17$	6.	9
7) A clown needed two hundred thirty-two balloons for a party he was going to, but the balloons only came in packs of twenty-three. How many packs of balloons would he need to buy?	$232\div 23 = 10 \text{ r}2$	7.	11
8) Paul had three hundred six pieces of candy. If he wants to split the candy into thirty-three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	$306\div 33 = 9 \text{ r}9$	8.	24
9) A pizza store had five hundred ninety-eight pieces of pepperoni to put on their pizzas. If each pizza got nineteen pieces, how many extra pieces of pepperoni would they have?	$598\div 19 = 31 \text{ r}9$	9.	9
10) Sarah had two hundred eight pennies. She wanted to place the pennies into twenty-four stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$208\div 24 = 8 \text{ r}16$	10.	8



Solve each problem.

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Answers

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1) Paige received 288 dollars for her birthday. Later she found some toys that cost 37 dollars each. How much money would she have left if she bought as many as she could?

2) There are 629 students going to a trivia competition. If each school van can hold 15 students, how many vans will they need?

3) Gwen had 921 songs on her mp3 player. If she wanted to put the songs equally into 29 different playlists, how many songs would she have left over?

4) Each house a carpenter builds needs 14 sinks. If he bought 675 sinks, how many houses would that cover?

5) A librarian had to pack 782 books into boxes. If each box can hold 47 books, how many boxes did she need?

6) At the carnival, 26 friends bought 823 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?

7) A clown needed 232 balloons for a party he was going to, but the balloons only came in packs of 23. How many packs of balloons would he need to buy?

8) Paul had 306 pieces of candy. If he wants to split the candy into 33 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

9) A pizza store had 598 pieces of pepperoni to put on their pizzas. If each pizza got 19 pieces, how many extra pieces of pepperoni would they have?

10) Sarah had 208 pennies. She wanted to place the pennies into 24 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?