

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

- 1) John had eight hundred thirty-three pieces of candy. If he wants to split the candy into 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?
- 2) A new video game console needs two computer chips. If a machine can create seven hundred forty-seven computer chips a day, how many video game consoles can be created in a day?
- 3) A machine in a candy company creates three hundred twenty-three pieces of candy a minute. If a small box of candy has two pieces in it how many full boxes does the machine make in a minute?
- 4) Lana had five hundred seventy-four songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?
- 5) There are four hundred seven students going to a trivia competition. If each school van can hold two students, how many vans will they need?
- 6) At the carnival, seven friends bought one hundred fifteen 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) Carol wanted to drink exactly nine bottles of water each day, so she bought six hundred ninety bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 8) A truck can hold four boxes. If you needed to move nine hundred forty-six boxes across town, how many trips would you need to make?
- 9) Kaleb's dad bought five hundred forty-seven meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?
- 10) A grocery store needed six hundred fifteen cans of peas. If the peas come in boxes with two cans in each box, how many boxes would they need to order?

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Solve each problem.

			<u>Answers</u>
1) John had eight hundred thirty-three pieces of candy. If he wants to split the candy into 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?	$833\div 3 = 277 \text{ r}2$	1.	<u>1</u>
2) A new video game console needs two computer chips. If a machine can create seven hundred forty-seven computer chips a day, how many video game consoles can be created in a day?	$747\div 2 = 373 \text{ r}1$	2.	<u>373</u>
3) A machine in a candy company creates three hundred twenty-three pieces of candy a minute. If a small box of candy has two pieces in it how many full boxes does the machine make in a minute?	$323\div 2 = 161 \text{ r}1$	3.	<u>161</u>
4) Lana had five hundred seventy-four songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?	$574\div 8 = 71 \text{ r}6$	4.	<u>6</u>
5) There are four hundred seven students going to a trivia competition. If each school van can hold two students, how many vans will they need?	$407\div 2 = 203 \text{ r}1$	5.	<u>204</u>
6) At the carnival, seven friends bought one hundred fifteen 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?	$115\div 7 = 16 \text{ r}3$	6.	<u>4</u>
7) Carol wanted to drink exactly nine bottles of water each day, so she bought six hundred ninety bottles when they were on sale. How many more bottles will she need to buy on the last day?	$690\div 9 = 76 \text{ r}6$	7.	<u>3</u>
8) A truck can hold four boxes. If you needed to move nine hundred forty-six boxes across town, how many trips would you need to make?	$946\div 4 = 236 \text{ r}2$	8.	<u>237</u>
9) Kaleb's dad bought five hundred forty-seven meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?	$547\div 8 = 68 \text{ r}3$	9.	<u>68</u>
10) A grocery store needed six hundred fifteen cans of peas. If the peas come in boxes with two cans in each box, how many boxes would they need to order?	$615\div 2 = 307 \text{ r}1$	10.	<u>308</u>



Solve each problem.

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373

Answers

- 1) John had 833 pieces of candy. If he wants to split the candy into 3 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?
- 2) A new video game console needs 2 computer chips. If a machine can create 747 computer chips a day, how many video game consoles can be created in a day?
- 3) A machine in a candy company creates 323 pieces of candy a minute. If a small box of candy has 2 pieces in it how many full boxes does the machine make in a minute?
- 4) Lana had 574 songs on her mp3 player. If she wanted to put the songs equally into 8 different playlists, how many songs would she have left over?
- 5) There are 407 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?
- 6) At the carnival, 7 friends bought 115 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) Carol wanted to drink exactly 9 bottles of water each day, so she bought 690 bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 8) A truck can hold 4 boxes. If you needed to move 946 boxes across town, how many trips would you need to make?
- 9) Kaleb's dad bought 547 meters of string. If he wanted to cut the string into pieces with each piece being 8 meters long, how many full sized pieces could he make?
- 10) A grocery store needed 615 cans of peas. If the peas come in boxes with 2 cans in each box, how many boxes would they need to order?

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