

**Solve each problem.**

- 1) Tiffany had five hundred eighty-five songs on her mp3 player. If she wanted to put the songs equally into two different playlists, how many songs would she have left over?
- 2) Ned is trying to earn eight hundred ninety-seven dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 3) A movie theater needed one hundred ninety-seven popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?
- 4) Vanessa had six hundred sixty-one pennies. She wanted to place the pennies into three stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 5) A machine in a candy company creates nine hundred three pieces of candy a minute. If a small box of candy has eight pieces in it how many full boxes does the machine make in a minute?
- 6) Will's dad bought seven hundred eighty-seven meters of string. If he wanted to cut the string into pieces with each piece being five meters long, how many full sized pieces could he make?
- 7) Edward had eight hundred eighty-seven baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full?
- 8) A movie store had four hundred fifty-seven movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 9) A vase can hold four flowers. If a florist had two hundred eighty-five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 10) A grocery store needed six hundred seventy-nine cans of peas. If the peas come in boxes with five cans in each box, how many boxes would they need to order?

Answers

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Solve each problem.

		<u>Answers</u>
1) Tiffany had five hundred eighty-five songs on her mp3 player. If she wanted to put the songs equally into two different playlists, how many songs would she have left over?	$585 \div 2 = 292 \text{ r}1$	1. <u>1</u>
2) Ned is trying to earn eight hundred ninety-seven dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$897 \div 6 = 149 \text{ r}3$	2. <u>150</u>
3) A movie theater needed one hundred ninety-seven popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?	$197 \div 2 = 98 \text{ r}1$	3. <u>99</u>
4) Vanessa had six hundred sixty-one pennies. She wanted to place the pennies into three stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$661 \div 3 = 220 \text{ r}1$	4. <u>2</u>
5) A machine in a candy company creates nine hundred three pieces of candy a minute. If a small box of candy has eight pieces in it how many full boxes does the machine make in a minute?	$903 \div 8 = 112 \text{ r}7$	5. <u>112</u>
6) Will's dad bought seven hundred eighty-seven meters of string. If he wanted to cut the string into pieces with each piece being five meters long, how many full sized pieces could he make?	$787 \div 5 = 157 \text{ r}2$	6. <u>157</u>
7) Edward had eight hundred eighty-seven baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full?	$887 \div 7 = 126 \text{ r}5$	7. <u>5</u>
8) A movie store had four hundred fifty-seven movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$457 \div 4 = 114 \text{ r}1$	8. <u>3</u>
9) A vase can hold four flowers. If a florist had two hundred eighty-five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?	$285 \div 4 = 71 \text{ r}1$	9. <u>1</u>
10) A grocery store needed six hundred seventy-nine cans of peas. If the peas come in boxes with five cans in each box, how many boxes would they need to order?	$679 \div 5 = 135 \text{ r}4$	10. <u>136</u>



Solve each problem.

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112

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136

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157

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150

Answers

- 1) Tiffany had 585 songs on her mp3 player. If she wanted to put the songs equally into 2 different playlists, how many songs would she have left over?
- 2) Ned is trying to earn 897 dollars for some new toys. If he charges 6 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 3) A movie theater needed 197 popcorn buckets. If each package has 2 buckets in it, how many packages will they need to buy?
- 4) Vanessa had 661 pennies. She wanted to place the pennies into 3 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 5) A machine in a candy company creates 903 pieces of candy a minute. If a small box of candy has 8 pieces in it how many full boxes does the machine make in a minute?
- 6) Will's dad bought 787 meters of string. If he wanted to cut the string into pieces with each piece being 5 meters long, how many full sized pieces could he make?
- 7) Edward had 887 baseball cards he's putting into a binder with 7 on each page. How many cards will he have on the page that isn't full?
- 8) A movie store had 457 movies they were putting on 4 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 9) A vase can hold 4 flowers. If a florist had 285 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 10) A grocery store needed 679 cans of peas. If the peas come in boxes with 5 cans in each box, how many boxes would they need to order?

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