

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

- 1) A post office has nine hundred fifty-five pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 2) A florist had two hundred sixty-five flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more flowers should she get to put in the vases so she doesn't have any flowers left over?
- 3) A box of computer paper has eight hundred twenty-one sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?
- 4) A builder needed to buy eight hundred eighty-five nails for his latest project. If the nails he needs come in boxes of two, how many boxes will he need to buy?
- 5) It takes four cherries to make a cherry pie. If a chef bought seven hundred eighty-two cherries, the last pie would need how many more cherries?
- 6) A vat of orange juice was five hundred fifty-eight pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?
- 7) At the carnival, two friends bought eight hundred twenty-nine tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?
- 8) A movie theater needed six hundred eighty-three popcorn buckets. If each package has five buckets in it, how many packages will they need to buy?
- 9) Robin had nine hundred twelve songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she have left over?
- 10) Edward bought four hundred thirty-six pieces of candy to give to seven of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

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**Solve each problem.**

			Answers
1) A post office has nine hundred fifty-five pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$955 \div 2 = 477 \text{ r}1$	1.	1
2) A florist had two hundred sixty-five flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more flowers should she get to put in the vases so she doesn't have any flowers left over?	$265 \div 4 = 66 \text{ r}1$	2.	3
3) A box of computer paper has eight hundred twenty-one sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?	$821 \div 9 = 91 \text{ r}2$	3.	91
4) A builder needed to buy eight hundred eighty-five nails for his latest project. If the nails he needs come in boxes of two, how many boxes will he need to buy?	$885 \div 2 = 442 \text{ r}1$	4.	443
5) It takes four cherries to make a cherry pie. If a chef bought seven hundred eighty-two cherries, the last pie would need how many more cherries?	$782 \div 4 = 195 \text{ r}2$	5.	2
6) A vat of orange juice was five hundred fifty-eight pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?	$558 \div 4 = 139 \text{ r}2$	6.	139
7) At the carnival, two friends bought eight hundred twenty-nine tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?	$829 \div 2 = 414 \text{ r}1$	7.	1
8) A movie theater needed six hundred eighty-three popcorn buckets. If each package has five buckets in it, how many packages will they need to buy?	$683 \div 5 = 136 \text{ r}3$	8.	137
9) Robin had nine hundred twelve songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she have left over?	$912 \div 7 = 130 \text{ r}2$	9.	2
10) Edward bought four hundred thirty-six pieces of candy to give to seven of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$436 \div 7 = 62 \text{ r}2$	10.	2



Solve each problem.

Answers

91	3	2	1	2
139	443	1	137	2

- 1) A post office has 955 pieces of junk mail they want to split evenly between 2 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 2) A florist had 265 flowers. She wanted to put them into 4 bouquets with the same number of flowers in each. How many more flowers should she get to put in the vases so she doesn't have any flowers left over?
- 3) A box of computer paper has 821 sheets left in it. If each printer in a computer lab needed 9 sheets how many printers would the box fill up?
- 4) A builder needed to buy 885 nails for his latest project. If the nails he needs come in boxes of 2, how many boxes will he need to buy?
- 5) It takes 4 cherries to make a cherry pie. If a chef bought 782 cherries, the last pie would need how many more cherries?
- 6) A vat of orange juice was 558 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?
- 7) At the carnival, 2 friends bought 829 tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?
- 8) A movie theater needed 683 popcorn buckets. If each package has 5 buckets in it, how many packages will they need to buy?
- 9) Robin had 912 songs on her mp3 player. If she wanted to put the songs equally into 7 different playlists, how many songs would she have left over?
- 10) Edward bought 436 pieces of candy to give to 7 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

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