

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

- 1) A grocery store needed seven hundred forty-two cans of peas. If the peas come in boxes with eight cans in each box, how many boxes would they need to order?
- 2) A librarian had to pack six hundred five books into boxes. If each box can hold nine books, how many boxes did she need?
- 3) A baker had three boxes for donuts. He ended up making seven hundred six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 4) It takes two grams of plastic to make a ruler. If a company had seven hundred fifty-three grams of plastic, how many entire rulers could they make?
- 5) A post office has eight hundred sixty-five pieces of junk mail they want to split evenly between four mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 6) A box of cupcakes cost \$seven. If you had two hundred seven dollars and bought as many boxes as you could, how much money would you have left?
- 7) Adam had one hundred sixty-nine pieces of candy. If he wants to split the candy into two 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?
- 8) A botanist picked seven hundred twenty-seven flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 9) At the carnival, eight friends bought five hundred ninety-five 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?
- 10) A recycling company had five hundred ninety-one pounds of material to sort. To make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have?

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**Solve each problem.**

- 1) A grocery store needed seven hundred forty-two cans of peas. If the peas come in boxes with eight cans in each box, how many boxes would they need to order? $742\div 8 = 92 \text{ r}6$
- 2) A librarian had to pack six hundred five books into boxes. If each box can hold nine books, how many boxes did she need? $605\div 9 = 67 \text{ r}2$
- 3) A baker had three boxes for donuts. He ended up making seven hundred six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? $706\div 3 = 235 \text{ r}1$
- 4) It takes two grams of plastic to make a ruler. If a company had seven hundred fifty-three grams of plastic, how many entire rulers could they make? $753\div 2 = 376 \text{ r}1$
- 5) A post office has eight hundred sixty-five pieces of junk mail they want to split evenly between four mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? $865\div 4 = 216 \text{ r}1$
- 6) A box of cupcakes cost \$seven. If you had two hundred seven dollars and bought as many boxes as you could, how much money would you have left? $207\div 7 = 29 \text{ r}4$
- 7) Adam had one hundred sixty-nine pieces of candy. If he wants to split the candy into two 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? $169\div 2 = 84 \text{ r}1$
- 8) A botanist picked seven hundred twenty-seven flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? $727\div 6 = 121 \text{ r}1$
- 9) At the carnival, eight friends bought five hundred ninety-five 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? $595\div 8 = 74 \text{ r}3$
- 10) A recycling company had five hundred ninety-one pounds of material to sort. To make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have? $591\div 4 = 147 \text{ r}3$

Answers

1. **93**
2. **68**
3. **1**
4. **376**
5. **1**
6. **4**
7. **1**
8. **5**
9. **5**
10. **147**

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

147	5	1	4	1
68	376	93	5	1

- 1) A grocery store needed 742 cans of peas. If the peas come in boxes with 8 cans in each box, how many boxes would they need to order?
- 2) A librarian had to pack 605 books into boxes. If each box can hold 9 books, how many boxes did she need?
- 3) A baker had 3 boxes for donuts. He ended up making 706 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 4) It takes 2 grams of plastic to make a ruler. If a company had 753 grams of plastic, how many entire rulers could they make?
- 5) A post office has 865 pieces of junk mail they want to split evenly between 4 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 6) A box of cupcakes cost \$7. If you had 207 dollars and bought as many boxes as you could, how much money would you have left?
- 7) Adam had 169 pieces of candy. If he wants to split the candy into 2 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?
- 8) A botanist picked 727 flowers. She wanted to put them into 6 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 9) At the carnival, 8 friends bought 595 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?
- 10) A recycling company had 591 pounds of material to sort. To make it easier they split them into boxes with each full box having 4 pounds, how many full boxes did they have?

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