

**Solve each problem.**

- 1) Megan had three hundred seventy-two songs on her mp3 player. If she wanted to put the songs equally into nine different playlists, how many songs would she have left over?
- 2) A new video game console needs nine computer chips. If a machine can create eight hundred sixty-five computer chips a day, how many video game consoles can be created in a day?
- 3) Robin had seven hundred thirty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 4) There are four hundred fifty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?
- 5) A container can hold four orange slices. If a company had three hundred twenty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) There are five hundred fifty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?
- 7) Maria is making bead necklaces. She wants to use eight hundred fifteen beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 8) Billy had six hundred fifty 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?
- 9) A vase can hold nine flowers. If a florist had four hundred fifty-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 10) George has to sell seven hundred fifty-nine chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip?

**Answers**

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10. \_\_\_\_\_



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- 1) Megan had three hundred seventy-two songs on her mp3 player. If she wanted to put the songs equally into nine different playlists, how many songs would she have left over?  $372 \div 9 = 41 \text{ r}3$
  
- 2) A new video game console needs nine computer chips. If a machine can create eight hundred sixty-five computer chips a day, how many video game consoles can be created in a day?  $865 \div 9 = 96 \text{ r}1$
  
- 3) Robin had seven hundred thirty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?  $736 \div 6 = 122 \text{ r}4$
  
- 4) There are four hundred fifty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?  $458 \div 5 = 91 \text{ r}3$
  
- 5) A container can hold four orange slices. If a company had three hundred twenty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?  $329 \div 4 = 82 \text{ r}1$
  
- 6) There are five hundred fifty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?  $554 \div 9 = 61 \text{ r}5$
  
- 7) Maria is making bead necklaces. She wants to use eight hundred fifteen beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?  $815 \div 8 = 101 \text{ r}7$
  
- 8) Billy had six hundred fifty 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?  $650 \div 3 = 216 \text{ r}2$
  
- 9) A vase can hold nine flowers. If a florist had four hundred fifty-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?  $453 \div 9 = 50 \text{ r}3$
  
- 10) George has to sell seven hundred fifty-nine chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip?  $759 \div 5 = 151 \text{ r}4$

**Answers**

1.     **3**
  
2.     **96**
  
3.     **122**
  
4.     **92**
  
5.     **3**
  
6.     **62**
  
7.     **7**
  
8.     **1**
  
9.     **3**
  
10.     **152**



Solve each problem.

92

122

96

1

3

7

152

3

62

3

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

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