

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

- 1) A vase can hold eight flowers. If a florist had five hundred ninety-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 2) A movie theater needed three hundred eighty-three popcorn buckets. If each package has seven buckets in it, how many packages will they need to buy?
- 3) An industrial machine can make one hundred seventy-three crayons a day. If each box of crayons has eight crayons in it, how many full boxes does the machine make a day?
- 4) Bianca had five hundred ninety-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 5) Victor was trying to beat his old score of four hundred one points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?
- 6) Cody wanted to give each of his nine friends an equal amount of candy. At the store he bought seven hundred twenty-four pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 7) An airline has four hundred twenty-six pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?
- 8) Each house a carpenter builds needs five sinks. If he bought six hundred forty-seven sinks, how many houses would that cover?
- 9) Mike had two hundred eighty-two baseball cards he's putting into a binder with five on each page. How many cards will he have on the page that isn't full?
- 10) A school had nine hundred sixty-four students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?

1. _____
2. _____
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6. _____
7. _____
8. _____
9. _____
10. _____

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

1) A vase can hold eight flowers. If a florist had five hundred ninety-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?	$593 \div 8 = 74 \text{ r}1$	1. <u>1</u>
2) A movie theater needed three hundred eighty-three popcorn buckets. If each package has seven buckets in it, how many packages will they need to buy?	$383 \div 7 = 54 \text{ r}5$	2. <u>55</u>
3) An industrial machine can make one hundred seventy-three crayons a day. If each box of crayons has eight crayons in it, how many full boxes does the machine make a day?	$173 \div 8 = 21 \text{ r}5$	3. <u>21</u>
4) Bianca had five hundred ninety-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?	$596 \div 6 = 99 \text{ r}2$	4. <u>99</u>
5) Victor was trying to beat his old score of four hundred one points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?	$401 \div 3 = 133 \text{ r}2$	5. <u>134</u>
6) Cody wanted to give each of his nine friends an equal amount of candy. At the store he bought seven hundred twenty-four pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$724 \div 9 = 80 \text{ r}4$	6. <u>5</u>
7) An airline has four hundred twenty-six pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?	$426 \div 8 = 53 \text{ r}2$	7. <u>2</u>
8) Each house a carpenter builds needs five sinks. If he bought six hundred forty-seven sinks, how many houses would that cover?	$647 \div 5 = 129 \text{ r}2$	8. <u>129</u>
9) Mike had two hundred eighty-two baseball cards he's putting into a binder with five on each page. How many cards will he have on the page that isn't full?	$282 \div 5 = 56 \text{ r}2$	9. <u>2</u>
10) A school had nine hundred sixty-four students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?	$964 \div 9 = 107 \text{ r}1$	10. <u>8</u>



Solve each problem.

Answers

21

2

2

129

55

5

1

99

134

8

1) A vase can hold 8 flowers. If a florist had 593 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

1. _____

2) A movie theater needed 383 popcorn buckets. If each package has 7 buckets in it, how many packages will they need to buy?

2. _____

3) An industrial machine can make 173 crayons a day. If each box of crayons has 8 crayons in it, how many full boxes does the machine make a day?

3. _____

4) Bianca had 596 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?

4. _____

5) Victor was trying to beat his old score of 401 points in a video game. If he scores exactly 3 points each round, how many rounds would he need to play to beat his old score?

5. _____

6) Cody wanted to give each of his 9 friends an equal amount of candy. At the store he bought 724 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

6. _____

7) An airline has 426 pieces of luggage to put away. If each luggage compartment will hold 8 pieces of luggage, how many will be in the compartment that isn't full?

7. _____

8) Each house a carpenter builds needs 5 sinks. If he bought 647 sinks, how many houses would that cover?

8. _____

9) Mike had 282 baseball cards he's putting into a binder with 5 on each page. How many cards will he have on the page that isn't full?

9. _____

10) A school had 964 students sign up for the trivia teams. If they wanted to have 9 team, with the same number of students on each team, how many more students would need to sign up?

10. _____