

**Solve each problem.**

- 1) A pizza store had two hundred eighty-six pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?
- 2) A restaurant needs to buy three hundred eighty-seven new plates. If each box has five plates in it, how many boxes will they need to buy?
- 3) A post office has five hundred eighty-two pieces of junk mail they want to split evenly between seven mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 4) A cafeteria was putting milk cartons into stacks. They had seven hundred ninety-nine cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?
- 5) A store owner had six employees and bought five hundred eighty-three uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 6) A container can hold four orange slices. If a company had four hundred eighty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?
- 7) A botanist picked nine hundred forty-one flowers. She wanted to put them into five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 8) Nancy had seven hundred fifty-four photos to put into a photo album. If each page holds eight photos, how many full pages will she have?
- 9) Tom has to sell five hundred thirty-four chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?
- 10) There are five hundred forty-two students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
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10. \_\_\_\_\_



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- 1) A pizza store had two hundred eighty-six pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?  $286 \div 7 = 40 \text{ r}6$
- 2) A restaurant needs to buy three hundred eighty-seven new plates. If each box has five plates in it, how many boxes will they need to buy?  $387 \div 5 = 77 \text{ r}2$
- 3) A post office has five hundred eighty-two pieces of junk mail they want to split evenly between seven mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?  $582 \div 7 = 83 \text{ r}1$
- 4) A cafeteria was putting milk cartons into stacks. They had seven hundred ninety-nine cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?  $799 \div 6 = 133 \text{ r}1$
- 5) A store owner had six employees and bought five hundred eighty-three uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?  $583 \div 6 = 97 \text{ r}1$
- 6) A container can hold four orange slices. If a company had four hundred eighty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?  $489 \div 4 = 122 \text{ r}1$
- 7) A botanist picked nine hundred forty-one flowers. She wanted to put them into five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?  $941 \div 5 = 188 \text{ r}1$
- 8) Nancy had seven hundred fifty-four photos to put into a photo album. If each page holds eight photos, how many full pages will she have?  $754 \div 8 = 94 \text{ r}2$
- 9) Tom has to sell five hundred thirty-four chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?  $534 \div 4 = 133 \text{ r}2$
- 10) There are five hundred forty-two students going to a trivia competition. If each school van can hold eight students, how many vans will they need?  $542 \div 8 = 67 \text{ r}6$

**Answers**

1.     **6**
2.     **78**
3.     **1**
4.     **133**
5.     **5**
6.     **3**
7.     **4**
8.     **94**
9.     **134**
10.     **68**



Solve each problem.

78

5

3

68

4

134

94

133

6

1

**Answers**

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

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

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