

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

- 1) A movie theater needed eight hundred eighty-five popcorn buckets. If each package has eight buckets in it, how many packages will they need to buy?
- 2) A vase can hold two flowers. If a florist had two hundred ninety-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 3) Maria had saved up eight hundred thirty quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 4) A store owner had five employees and bought seven hundred twenty-six 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?
- 5) Each house a carpenter builds needs six sinks. If he bought five hundred fifty-one sinks, how many houses would that cover?
- 6) A cafeteria was putting milk cartons into stacks. They had seven hundred seven cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?
- 7) Dave was trying to beat his old score of seven hundred sixty-one points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?
- 8) It takes three apples to make an apple pie. If a chef bought nine hundred fifty-eight apples, the last pie would need how many more apples?
- 9) A coat factory had four hundred ten coats. If they wanted to put them into six boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 10) Tom bought nine hundred forty-six pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

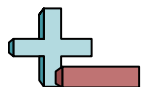
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**Solve each problem.**

- 1) A movie theater needed eight hundred eighty-five popcorn buckets. If each package has eight buckets in it, how many packages will they need to buy?
 $885\div 8 = 110 \text{ r}5$
- 2) A vase can hold two flowers. If a florist had two hundred ninety-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
 $293\div 2 = 146 \text{ r}1$
- 3) Maria had saved up eight hundred thirty quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
 $830\div 7 = 118 \text{ r}4$
- 4) A store owner had five employees and bought seven hundred twenty-six 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?
 $726\div 5 = 145 \text{ r}1$
- 5) Each house a carpenter builds needs six sinks. If he bought five hundred fifty-one sinks, how many houses would that cover?
 $551\div 6 = 91 \text{ r}5$
- 6) A cafeteria was putting milk cartons into stacks. They had seven hundred seven cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?
 $707\div 3 = 235 \text{ r}2$
- 7) Dave was trying to beat his old score of seven hundred sixty-one points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?
 $761\div 7 = 108 \text{ r}5$
- 8) It takes three apples to make an apple pie. If a chef bought nine hundred fifty-eight apples, the last pie would need how many more apples?
 $958\div 3 = 319 \text{ r}1$
- 9) A coat factory had four hundred ten coats. If they wanted to put them into six boxes, with the same number of coats in each box, how many extra coats would they have left over?
 $410\div 6 = 68 \text{ r}2$
- 10) Tom bought nine hundred forty-six pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
 $946\div 4 = 236 \text{ r}2$

Answers

1. **111**
2. **1**
3. **3**
4. **4**
5. **91**
6. **235**
7. **109**
8. **2**
9. **2**
10. **2**

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

2	111	4	109	235
3	2	2	1	91

- 1) A movie theater needed 885 popcorn buckets. If each package has 8 buckets in it, how many packages will they need to buy?
- 2) A vase can hold 2 flowers. If a florist had 293 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 3) Maria had saved up 830 quarters and decided to spend them on sodas. If it costs 7 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 4) A store owner had 5 employees and bought 726 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?
- 5) Each house a carpenter builds needs 6 sinks. If he bought 551 sinks, how many houses would that cover?
- 6) A cafeteria was putting milk cartons into stacks. They had 707 cartons and were putting them into stacks with 3 cartons in each stack. How many full stacks could they make?
- 7) Dave was trying to beat his old score of 761 points in a video game. If he scores exactly 7 points each round, how many rounds would he need to play to beat his old score?
- 8) It takes 3 apples to make an apple pie. If a chef bought 958 apples, the last pie would need how many more apples?
- 9) A coat factory had 410 coats. If they wanted to put them into 6 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 10) Tom bought 946 pieces of candy to give to 4 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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