Solve each problem.

1) At the carnival, twenty-three friends bought three hundred thirty-four 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?

2) A container can hold thirty orange slices. If a company had two hundred nine orange slices to put into containers, how many more slices would they need to fill up the last container?

3) Jerry was trying to beat his old score of seven hundred six points in a video game. If he scores exactly twelve points each round, how many rounds would he need to play to beat his old score?

4) A vat of orange juice was eight hundred twenty pints. If you wanted to pour the vat into thirty-three glasses with the same amount in each glass, how many pints would be in each glass?

5) A movie theater needed five hundred ninety-nine popcorn buckets. If each package has thirty buckets in it, how many packages will they need to buy?

6) A machine in a candy company creates four hundred eighty-one pieces of candy a minute. If a small box of candy has twenty-seven pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack nine hundred seventy books into boxes. If each box can hold twenty-one books, how many boxes did she need?

8) An airline has six hundred fifty-two pieces of luggage to put away. If each luggage compartment will hold thirty-one pieces of luggage, how many will be in the compartment that isn't full?

9) It takes thirteen apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples?

10) A baker had thirty-four boxes for donuts. He ended up making six hundred forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

1) At the carnival, twenty-three friends bought three hundred thirty-four 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?

334÷23 = 14 r12

2) A container can hold thirty orange slices. If a company had two hundred nine orange slices to put into containers, how many more slices would they need to fill up the last container?

209÷30 = 6 r29

3) Jerry was trying to beat his old score of seven hundred six points in a video game. If he scores exactly twelve points each round, how many rounds would he need to play to beat his old score?

706÷12 = 58 r10

4) A vat of orange juice was eight hundred twenty pints. If you wanted to pour the vat into thirty-three glasses with the same amount in each glass, how many pints would be in each glass?

820÷33 = 24 r28

5) A movie theater needed five hundred ninety-nine popcorn buckets. If each package has thirty buckets in it, how many packages will they need to buy?

599÷30 = 19 r29

6) A machine in a candy company creates four hundred eighty-one pieces of candy a minute. If a small box of candy has twenty-seven pieces in it how many full boxes does the machine make in a minute?

481÷27 = 17 r22

7) A librarian had to pack nine hundred seventy books into boxes. If each box can hold twenty-one books, how many boxes did she need?

970÷21 = 46 r4

8) An airline has six hundred fifty-two pieces of luggage to put away. If each luggage compartment will hold thirty-one pieces of luggage, how many will be in the compartment that isn't full?

652÷31 = 21 r1

9) It takes thirteen apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples?

851÷13 = 65 r6

10) A baker had thirty-four boxes for donuts. He ended up making six hundred forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

647÷34 = 19 r1

Answers

1. **11**
2. **1**
3. **59**
4. **24**
5. **20**
6. **17**
7. **47**
8. **1**
9. **7**
10. **1**

1-10	90	80	70	60	50	40	30	20	10	0

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

59	7	1	24	17
1	11	1	20	47

1) At the carnival, 23 friends bought 334 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?

2) A container can hold 30 orange slices. If a company had 209 orange slices to put into containers, how many more slices would they need to fill up the last container?

3) Jerry was trying to beat his old score of 706 points in a video game. If he scores exactly 12 points each round, how many rounds would he need to play to beat his old score?

4) A vat of orange juice was 820 pints. If you wanted to pour the vat into 33 glasses with the same amount in each glass, how many pints would be in each glass?

5) A movie theater needed 599 popcorn buckets. If each package has 30 buckets in it, how many packages will they need to buy?

6) A machine in a candy company creates 481 pieces of candy a minute. If a small box of candy has 27 pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack 970 books into boxes. If each box can hold 21 books, how many boxes did she need?

8) An airline has 652 pieces of luggage to put away. If each luggage compartment will hold 31 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 13 apples to make an apple pie. If a chef bought 851 apples, the last pie would need how many more apples?

10) A baker had 34 boxes for donuts. He ended up making 647 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0