Division with Remainder (1 Digit Quotient)   Name:

Use division to solve each problem.

1) At the carnival, three friends bought twenty-three 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 seven orange slices. If a company had forty-five 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 thirteen 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?

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

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

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

7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need?

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

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

10) A baker had three boxes for donuts. He ended up making 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. _____

Use division to solve each problem.

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

23÷3 = 7 r2

1. _____ **1**

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

45÷7 = 6 r3

2. _____ **4**

3. _____ **5**

3) Jerry was trying to beat his old score of thirteen 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?

13÷3 = 4 r1

4. _____ **9**

5. _____ **7**

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

39÷4 = 9 r3

6. _____ **3**

7. _____ **6**

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

60÷9 = 6 r6

8. _____ **1**

9. _____ **1**

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

21÷6 = 3 r3

10. _____ **1**

7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need?

45÷8 = 5 r5

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

15÷2 = 7 r1

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

17÷3 = 5 r2

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

7÷3 = 2 r1

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

Use division to solve each problem.

5	1	1	9	3
4	1	1	7	6

1. _____

1) At the carnival, 3 friends bought 23 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. _____

3. _____

2) A container can hold 7 orange slices. If a company had 45 orange slices to put into containers, how many more slices would they need to fill up the last container?

4. _____

5. _____

3) Jerry was trying to beat his old score of 13 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?

6. _____

7. _____

4) A vat of orange juice was 39 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?

8. _____

9. _____

5) A movie theater needed 60 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy?

10. _____

6) A machine in a candy company creates 21 pieces of candy a minute. If a small box of candy has 6 pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack 45 books into boxes. If each box can hold 8 books, how many boxes did she need?

8) An airline has 15 pieces of luggage to put away. If each luggage compartment will hold 2 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 3 apples to make an apple pie. If a chef bought 17 apples, the last pie would need how many more apples?

10) A baker had 3 boxes for donuts. He ended up making 7 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?