Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) A flash drive could hold eight gigs of data. If you needed to store forty-three gigs, how many flash drive would you need?

2) Rachel had twenty-one pennies. She wanted to place the pennies into five stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

3) A truck can hold three boxes. If you needed to move seven boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-nine tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make eighty-six crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?

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

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

8) It takes five apples to make an apple pie. If a chef bought twelve apples, the last pie would need how many more apples?

9) Ned's dad bought seventy-nine meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?

10) John wanted to give each of his four friends an equal amount of candy. At the store he bought twenty-one pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

Answers

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

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

Division with Remainder (1 Digit Quotient) Name: **Answer Key**

Use division to solve each problem.

1) A flash drive could hold eight gigs of data. If you needed to store forty-three gigs, how many flash drive would you need? 43÷8 = 5 r3

2) Rachel had twenty-one pennies. She wanted to place the pennies into five stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal? 21÷5 = 4 r1

3) A truck can hold three boxes. If you needed to move seven boxes across town, how many trips would you need to make? 7÷3 = 2 r1

4) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-nine tickets, how many tickets would you have left if you rode it as many times as you could? 29÷7 = 4 r1

5) An industrial machine can make eighty-six crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day? 86÷9 = 9 r5

6) A baker had five boxes for donuts. He ended up making forty-six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? 46÷5 = 9 r1

7) A librarian had to pack nineteen books into boxes. If each box can hold three books, how many boxes did she need? 19÷3 = 6 r1

8) It takes five apples to make an apple pie. If a chef bought twelve apples, the last pie would need how many more apples? 12÷5 = 2 r2

9) Ned's dad bought seventy-nine meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make? 79÷8 = 9 r7

10) John wanted to give each of his four friends an equal amount of candy. At the store he bought twenty-one pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 21÷4 = 5 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

3	9	1	9	3
3	4	1	7	6

1) A flash drive could hold 8 gigs of data. If you needed to store 43 gigs, how many flash drive would you need?

2) Rachel had 21 pennies. She wanted to place the pennies into 5 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

3) A truck can hold 3 boxes. If you needed to move 7 boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs 7 tickets per ride. If you had 29 tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make 86 crayons a day. If each box of crayons has 9 crayons in it, how many full boxes does the machine make a day?

6) A baker had 5 boxes for donuts. He ended up making 46 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

7) A librarian had to pack 19 books into boxes. If each box can hold 3 books, how many boxes did she need?

8) It takes 5 apples to make an apple pie. If a chef bought 12 apples, the last pie would need how many more apples?

9) Ned's dad bought 79 meters of string. If he wanted to cut the string into pieces with each piece being 8 meters long, how many full sized pieces could he make?

10) John wanted to give each of his 4 friends an equal amount of candy. At the store he bought 21 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

Answers

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

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