Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

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

2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need?

3) Cody has to sell thirteen chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

4) At the carnival, three friends bought twenty-five 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?

5) A post office has seventeen pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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

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

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

9) It takes eight grams of plastic to make a ruler. If a company had seventeen grams of plastic, how many entire rulers could they make?

10) A coat factory had thirty-seven coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats would they have left over?

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) Paul wanted to give each of his three friends an equal amount of candy. At the store he bought twenty-two pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 22÷3 = 7 r1

2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need? 20÷6 = 3 r2

3) Cody has to sell thirteen chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip? 13÷2 = 6 r1

4) At the carnival, three friends bought twenty-five 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? 25÷3 = 8 r1

5) A post office has seventeen pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 17÷2 = 8 r1

6) An industrial machine can make eighteen crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day? 18÷4 = 4 r2

7) A vat of orange juice was seventy pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be in each glass? 70÷9 = 7 r7

8) An airline has thirty-four pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full? 34÷9 = 3 r7

9) It takes eight grams of plastic to make a ruler. If a company had seventeen grams of plastic, how many entire rulers could they make? 17÷8 = 2 r1

10) A coat factory had thirty-seven coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats would they have left over? 37÷8 = 4 r5

Answers

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

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.

2	2	5	4	1
7	4	7	7	2

1) Paul wanted to give each of his 3 friends an equal amount of candy. At the store he bought 22 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

2) A flash drive could hold 6 gigs of data. If you needed to store 20 gigs, how many flash drive would you need?

3) Cody has to sell 13 chocolate bars to win a trip. If each box contains 2 chocolate bars, how many boxes will he need to sell to win the trip?

4) At the carnival, 3 friends bought 25 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?

5) A post office has 17 pieces of junk mail they want to split evenly between 2 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

6) An industrial machine can make 18 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?

7) A vat of orange juice was 70 pints. If you wanted to pour the vat into 9 glasses with the same amount in each glass, how many pints would be in each glass?

8) An airline has 34 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 8 grams of plastic to make a ruler. If a company had 17 grams of plastic, how many entire rulers could they make?

10) A coat factory had 37 coats. If they wanted to put them into 8 boxes, with the same number of coats in each box, how many extra coats would they have left over?

Answers

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

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