Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) A post office has thirty-three pieces of junk mail they want to split evenly between five mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

2) A clown needed sixty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?

3) At the carnival, eight friends bought seventy-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?

4) An art museum had nineteen pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

5) A new video game console needs seven computer chips. If a machine can create forty-one computer chips a day, how many video game consoles can be created in a day?

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

7) A grocery store needed fifty-one cans of peas. If the peas come in boxes with eight cans in each box, how many boxes would they need to order?

8) Frank had fifteen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?

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

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

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 post office has thirty-three pieces of junk mail they want to split evenly between five mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 33÷5 = 6 r3

2) A clown needed sixty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy? 61÷7 = 8 r5

3) At the carnival, eight friends bought seventy-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? 75÷8 = 9 r3

4) An art museum had nineteen pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? 19÷3 = 6 r1

5) A new video game console needs seven computer chips. If a machine can create forty-one computer chips a day, how many video game consoles can be created in a day? 41÷7 = 5 r6

6) A machine in a candy company creates twenty-seven pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute? 27÷7 = 3 r6

7) A grocery store needed fifty-one cans of peas. If the peas come in boxes with eight cans in each box, how many boxes would they need to order? 51÷8 = 6 r3

8) Frank had fifteen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full? 15÷2 = 7 r1

9) Oliver wanted to give each of his six friends an equal amount of candy. At the store he bought fifty-two pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 52÷6 = 8 r4

10) A vat of orange juice was twenty-nine pints. If you wanted to pour the vat into three glasses with the same amount in each glass, how many pints would be in each glass? 29÷3 = 9 r2

Answers

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

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.

5	1	2	9	9
5	3	2	3	7

1) A post office has 33 pieces of junk mail they want to split evenly between 5 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

2) A clown needed 61 balloons for a party he was going to, but the balloons only came in packs of 7. How many packs of balloons would he need to buy?

3) At the carnival, 8 friends bought 75 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?

4) An art museum had 19 pictures to split equally into 3 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

5) A new video game console needs 7 computer chips. If a machine can create 41 computer chips a day, how many video game consoles can be created in a day?

6) A machine in a candy company creates 27 pieces of candy a minute. If a small box of candy has 7 pieces in it how many full boxes does the machine make in a minute?

7) A grocery store needed 51 cans of peas. If the peas come in boxes with 8 cans in each box, how many boxes would they need to order?

8) Frank had 15 baseball cards he's putting into a binder with 2 on each page. How many cards will he have on the page that isn't full?

9) Oliver wanted to give each of his 6 friends an equal amount of candy. At the store he bought 52 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

10) A vat of orange juice was 29 pints. If you wanted to pour the vat into 3 glasses with the same amount in each glass, how many pints would be in each glass?

Answers

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

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