Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

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

1. _____

2. _____

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

3. _____

4. _____

3) A flash drive could hold three gigs of data. If you needed to store sixteen gigs, how many flash drive would you need?

5. _____

6. _____

4) Each house a carpenter builds needs nine sinks. If he bought seventy-three sinks, how many houses would that cover?

7. _____

8. _____

5) Tom had thirty-seven baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full?

9. _____

10. _____

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

7) A builder needed to buy eighty-three boards for his latest project. If the boards he needs come in packs of nine, how many packages will he need to buy?

8) A coat factory had fifty-three 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?

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

10) An art museum had twenty-two pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

Use division to solve each problem.

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

$48 \div 9 = 5\ r3$

1. ____**3**____

2. ____**1**____

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

$17 \div 6 = 2\ r5$

3. ____**6**____

4. ____**8**____

3) A flash drive could hold three gigs of data. If you needed to store sixteen gigs, how many flash drive would you need?

$16 \div 3 = 5\ r1$

5. ____**2**____

6. ____**3**____

4) Each house a carpenter builds needs nine sinks. If he bought seventy-three sinks, how many houses would that cover?

$73 \div 9 = 8\ r1$

7. ____**10**____

8. ____**5**____

5) Tom had thirty-seven baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full?

$37 \div 7 = 5\ r2$

9. ____**6**____

10. ____**2**____

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

$39 \div 7 = 5\ r4$

7) A builder needed to buy eighty-three boards for his latest project. If the boards he needs come in packs of nine, how many packages will he need to buy?

$83 \div 9 = 9\ r2$

8) A coat factory had fifty-three 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?

$53 \div 8 = 6\ r5$

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

$13 \div 2 = 6\ r1$

10) An art museum had twenty-two pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$22 \div 4 = 5\ r2$

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

Math

Division with Remainder (1 Digit Quotient) Name:

Use division to solve each problem.

Answers

1) The roller coaster at the state fair costs 9 tickets per ride. If you had 48 tickets, how many tickets would you have left if you rode it as many times as you could?

2) A container can hold 6 orange slices. If a company had 17 orange slices to put into containers, how many more slices would they need to fill up the last container?

3) A flash drive could hold 3 gigs of data. If you needed to store 16 gigs, how many flash drive would you need?

4) Each house a carpenter builds needs 9 sinks. If he bought 73 sinks, how many houses would that cover?

5) Tom had 37 baseball cards he's putting into a binder with 7 on each page. How many cards will he have on the page that isn't full?

6) Billy wanted to give each of his 7 friends an equal amount of candy. At the store he bought 39 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

7) A builder needed to buy 83 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy?

8) A coat factory had 53 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?

9) It takes 2 grams of plastic to make a ruler. If a company had 13 grams of plastic, how many entire rulers could they make?

10) An art museum had 22 pictures to split equally into 4 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

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