Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) Tiffany had saved up eleven quarters and decided to spend them on sodas. If it costs two quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

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

3) A librarian had to pack twenty-two books into boxes. If each box can hold three books, how many boxes did she need?

4) Ned bought twenty-seven pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

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

6) A new video game console needs nine computer chips. If a machine can create sixty-six computer chips a day, how many video game consoles can be created in a day?

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

8) Kaleb had twenty-five pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

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

10) A builder needed to buy thirty-one boards for his latest project. If the boards he needs come in packs of four, how many packages will he need to buy?

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) Tiffany had saved up eleven quarters and decided to spend them on sodas. If it costs two quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

11÷2 = 5 r1

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

19÷4 = 4 r3

3) A librarian had to pack twenty-two books into boxes. If each box can hold three books, how many boxes did she need?

22÷3 = 7 r1

4) Ned bought twenty-seven pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

27÷4 = 6 r3

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

76÷9 = 8 r4

6) A new video game console needs nine computer chips. If a machine can create sixty-six computer chips a day, how many video game consoles can be created in a day?

66÷9 = 7 r3

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

13÷2 = 6 r1

8) Kaleb had twenty-five pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

25÷4 = 6 r1

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

26÷6 = 4 r2

10) A builder needed to buy thirty-one boards for his latest project. If the boards he needs come in packs of four, how many packages will he need to buy?

31÷4 = 7 r3

Answers

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

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	3	1	4	8
8	7	4	1	3

1) Tiffany had saved up 11 quarters and decided to spend them on sodas. If it costs 2 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

2) A machine in a candy company creates 19 pieces of candy a minute. If a small box of candy has 4 pieces in it how many full boxes does the machine make in a minute?

3) A librarian had to pack 22 books into boxes. If each box can hold 3 books, how many boxes did she need?

4) Ned bought 27 pieces of candy to give to 4 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

5) A coat factory had 76 coats. If they wanted to put them into 9 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) A new video game console needs 9 computer chips. If a machine can create 66 computer chips a day, how many video game consoles can be created in a day?

7) Sam wanted to give each of his 2 friends an equal amount of candy. At the store he bought 13 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

8) Kaleb had 25 pieces of candy. If he wants to split the candy into 4 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

9) The roller coaster at the state fair costs 6 tickets per ride. If you had 26 tickets, how many tickets would you have left if you rode it as many times as you could?

10) A builder needed to buy 31 boards for his latest project. If the boards he needs come in packs of 4, how many packages will he need to buy?

Answers

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

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