Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

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

2) Rachel received twenty-three dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?

3) A botanist picked forty-six flowers. She wanted to put them into seven bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

4) Paul's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being four meters long, how many full sized pieces could he make?

5) At the carnival, six friends bought fifteen 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?

6) A school had twenty-two students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?

7) There are seventy-four students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

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

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

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

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 new video game console needs two computer chips. If a machine can create eleven computer chips a day, how many video game consoles can be created in a day? 11÷2 = 5 r1

2) Rachel received twenty-three dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could? 23÷3 = 7 r2

3) A botanist picked forty-six flowers. She wanted to put them into seven bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 46÷7 = 6 r4

4) Paul's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being four meters long, how many full sized pieces could he make? 14÷4 = 3 r2

5) At the carnival, six friends bought fifteen 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? 15÷6 = 2 r3

6) A school had twenty-two students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up? 22÷4 = 5 r2

7) There are seventy-four students going to a trivia competition. If each school van can hold eight students, how many vans will they need? 74÷8 = 9 r2

8) A builder needed to buy sixty-nine boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need to buy? 69÷7 = 9 r6

9) A truck can hold nine boxes. If you needed to move nineteen boxes across town, how many trips would you need to make? 19÷9 = 2 r1

10) A post office has eight pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 8÷3 = 2 r2

Answers

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

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.

10	3	2	5	10
3	2	3	3	2

1) A new video game console needs 2 computer chips. If a machine can create 11 computer chips a day, how many video game consoles can be created in a day?

2) Rachel received 23 dollars for her birthday. Later she found some toys that cost 3 dollars each. How much money would she have left if she bought as many as she could?

3) A botanist picked 46 flowers. She wanted to put them into 7 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

4) Paul's dad bought 14 meters of string. If he wanted to cut the string into pieces with each piece being 4 meters long, how many full sized pieces could he make?

5) At the carnival, 6 friends bought 15 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?

6) A school had 22 students sign up for the trivia teams. If they wanted to have 4 team, with the same number of students on each team, how many more students would need to sign up?

7) There are 74 students going to a trivia competition. If each school van can hold 8 students, how many vans will they need?

8) A builder needed to buy 69 boards for his latest project. If the boards he needs come in packs of 7, how many packages will he need to buy?

9) A truck can hold 9 boxes. If you needed to move 19 boxes across town, how many trips would you need to make?

10) A post office has 8 pieces of junk mail they want to split evenly between 3 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

Answers

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

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