# Division with Remainder (1 Digit Quotient)

Name:

**Use division to solve each problem.**

**1)** A box of computer paper has thirteen sheets left in it. If each printer in a computer lab needed two sheets how many printers would the box fill up?

1. _____

2. _____

**2)** It takes eight grams of plastic to make a ruler. If a company had forty-three grams of plastic, how many entire rulers could they make?

3. _____

4. _____

**3)** Katie is making bead necklaces. She wants to use sixteen beads to make five necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

5. _____

6. _____

**4)** Cody wanted to give each of his nine friends an equal amount of candy. At the store he bought twenty-four pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

7. _____

**5)** Debby wanted to drink exactly three bottles of water each day, so she bought twenty-six bottles when they were on sale. How many more bottles will she need to buy on the last day?

8. _____

9. _____

**6)** There are twenty-seven students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

10. _____

**7)** A box of cupcakes cost $eight. If you had thirty-seven dollars and bought as many boxes as you could, how much money would you have left?

**8)** At the carnival, nine friends bought forty-four 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?

**9)** Ned's dad bought twenty-one meters of string. If he wanted to cut the string into pieces with each piece being six meters long, how many full sized pieces could he make?

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

**Math**

**Use division to solve each problem.**

**1)** A box of computer paper has thirteen sheets left in it. If each printer in a computer lab needed two sheets how many printers would the box fill up?

13÷2 = 6 r1

1. ___**6**___

2. ___**5**___

**2)** It takes eight grams of plastic to make a ruler. If a company had forty-three grams of plastic, how many entire rulers could they make?

43÷8 = 5 r3

3. ___**1**___

4. ___**3**___

**3)** Katie is making bead necklaces. She wants to use sixteen beads to make five necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

16÷5 = 3 r1

5. ___**1**___

6. ___**4**___

**4)** Cody wanted to give each of his nine friends an equal amount of candy. At the store he bought twenty-four pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

24÷9 = 2 r6

7. ___**5**___

8. ___**1**___

**5)** Debby wanted to drink exactly three bottles of water each day, so she bought twenty-six bottles when they were on sale. How many more bottles will she need to buy on the last day?

26÷3 = 8 r2

9. ___**3**___

10. ___**9**___

**6)** There are twenty-seven students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

27÷7 = 3 r6

**7)** A box of cupcakes cost $eight. If you had thirty-seven dollars and bought as many boxes as you could, how much money would you have left?

37÷8 = 4 r5

**8)** At the carnival, nine friends bought forty-four 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?

44÷9 = 4 r8

**9)** Ned's dad bought twenty-one meters of string. If he wanted to cut the string into pieces with each piece being six meters long, how many full sized pieces could he make?

21÷6 = 3 r3

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

33÷4 = 8 r1

**Use division to solve each problem.**

| 9 | 3 | 6 | 5 | 1 |
|---|---|---|---|---|
| 1 | 4 | 5 | 3 | 1 |

1.  _____

2.  _____

3.  _____

4.  _____

5.  _____

6.  _____

7.  _____

8.  _____

9.  _____

10. _____

**1)** A box of computer paper has 13 sheets left in it. If each printer in a computer lab needed 2 sheets how many printers would the box fill up?

**2)** It takes 8 grams of plastic to make a ruler. If a company had 43 grams of plastic, how many entire rulers could they make?

**3)** Katie is making bead necklaces. She wants to use 16 beads to make 5 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

**4)** Cody wanted to give each of his 9 friends an equal amount of candy. At the store he bought 24 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

**5)** Debby wanted to drink exactly 3 bottles of water each day, so she bought 26 bottles when they were on sale. How many more bottles will she need to buy on the last day?

**6)** There are 27 students going to a trivia competition. If each school van can hold 7 students, how many vans will they need?

**7)** A box of cupcakes cost $8. If you had 37 dollars and bought as many boxes as you could, how much money would you have left?

**8)** At the carnival, 9 friends bought 44 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?

**9)** Ned's dad bought 21 meters of string. If he wanted to cut the string into pieces with each piece being 6 meters long, how many full sized pieces could he make?

**10)** A builder needed to buy 33 boards for his latest project. If the boards he needs come in packs of 4, how many packages will he need to buy?