Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) Adam's dad bought one hundred seventy meters of string. If he wanted to cut the string into pieces with each piece being twenty-eight meters long, how many full sized pieces could he make?

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

3) Will had four hundred twenty pieces of candy. If he wants to split the candy into twenty-two 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?

4) A restaurant needs to buy four hundred ninety-two new plates. If each box has forty-four plates in it, how many boxes will they need to buy?

5) A food company has seven hundred twelve kilograms of food to put into boxes. If each box gets exactly twenty-nine kilograms, how many full boxes will they have?

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

7) Lana had eight hundred forty-four pennies. She wanted to place the pennies into thirty stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

8) A box can hold twenty-two brownies. If a baker made two hundred sixty brownies, how many full boxes of brownies did he make?

9) A vase can hold thirty flowers. If a florist had eight hundred eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

10) A post office has six hundred eighteen pieces of junk mail they want to split evenly between twenty-two 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 Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) Adam's dad bought one hundred seventy meters of string. If he wanted to cut the string into pieces with each piece being twenty-eight meters long, how many full sized pieces could he make?

170÷28 = 6 r2

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

979÷49 = 19 r48

3) Will had four hundred twenty pieces of candy. If he wants to split the candy into twenty-two 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?

420÷22 = 19 r2

4) A restaurant needs to buy four hundred ninety-two new plates. If each box has forty-four plates in it, how many boxes will they need to buy?

492÷44 = 11 r8

5) A food company has seven hundred twelve kilograms of food to put into boxes. If each box gets exactly twenty-nine kilograms, how many full boxes will they have?

712÷29 = 24 r16

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

304÷42 = 7 r10

7) Lana had eight hundred forty-four pennies. She wanted to place the pennies into thirty stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

844÷30 = 28 r4

8) A box can hold twenty-two brownies. If a baker made two hundred sixty brownies, how many full boxes of brownies did he make?

260÷22 = 11 r18

9) A vase can hold thirty flowers. If a florist had eight hundred eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

808÷30 = 26 r28

10) A post office has six hundred eighteen pieces of junk mail they want to split evenly between twenty-two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

618÷22 = 28 r2

Answers

1. 6
2. 48
3. 20
4. 12
5. 24
6. 32
7. 26
8. 11
9. 28
10. 2

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

20	28	24	6	12
11	32	48	2	26

1) Adam's dad bought 170 meters of string. If he wanted to cut the string into pieces with each piece being 28 meters long, how many full sized pieces could he make?

2) A coat factory had 979 coats. If they wanted to put them into 49 boxes, with the same number of coats in each box, how many extra coats would they have left over?

3) Will had 420 pieces of candy. If he wants to split the candy into 22 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?

4) A restaurant needs to buy 492 new plates. If each box has 44 plates in it, how many boxes will they need to buy?

5) A food company has 712 kilograms of food to put into boxes. If each box gets exactly 29 kilograms, how many full boxes will they have?

6) A botanist picked 304 flowers. She wanted to put them into 42 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

7) Lana had 844 pennies. She wanted to place the pennies into 30 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

8) A box can hold 22 brownies. If a baker made 260 brownies, how many full boxes of brownies did he make?

9) A vase can hold 30 flowers. If a florist had 808 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

10) A post office has 618 pieces of junk mail they want to split evenly between 22 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