Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A new video game console needs forty-two computer chips. If a machine can create six hundred ninety-seven computer chips a day, how many video game consoles can be created in a day?

2) Victor's dad bought three hundred ninety-four meters of string. If he wanted to cut the string into pieces with each piece being twenty-nine meters long, how many full sized pieces could he make?

3) A vase can hold twenty-five flowers. If a florist had two hundred eighty-five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

4) A builder needed to buy five hundred fifty-nine boards for his latest project. If the boards he needs come in packs of forty-six, how many packages will he need to buy?

5) There are five hundred fifty-seven students going to a trivia competition. If each school van can hold twenty-nine students, how many vans will they need?

6) A movie store had five hundred seventy-four movies they were putting on seventeen shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

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

8) Haley had two hundred fifty-nine pennies. She wanted to place the pennies into forty-six stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

9) Billy has to sell six hundred thirty-nine chocolate bars to win a trip. If each box contains forty-seven chocolate bars, how many boxes will he need to sell to win the trip?

10) An airline has four hundred ninety-five pieces of luggage to put away. If each luggage compartment will hold forty-eight pieces of luggage, how many will be in the compartment that isn't full?

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) A new video game console needs forty-two computer chips. If a machine can create six hundred ninety-seven computer chips a day, how many video game consoles can be created in a day?

697÷42 = 16 r25

2) Victor's dad bought three hundred ninety-four meters of string. If he wanted to cut the string into pieces with each piece being twenty-nine meters long, how many full sized pieces could he make?

394÷29 = 13 r17

3) A vase can hold twenty-five flowers. If a florist had two hundred eighty-five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

285÷25 = 11 r10

4) A builder needed to buy five hundred fifty-nine boards for his latest project. If the boards he needs come in packs of forty-six, how many packages will he need to buy?

559÷46 = 12 r7

5) There are five hundred fifty-seven students going to a trivia competition. If each school van can hold twenty-nine students, how many vans will they need?

557÷29 = 19 r6

6) A movie store had five hundred seventy-four movies they were putting on seventeen shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

574÷17 = 33 r13

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

629÷13 = 48 r5

8) Haley had two hundred fifty-nine pennies. She wanted to place the pennies into forty-six stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

259÷46 = 5 r29

9) Billy has to sell six hundred thirty-nine chocolate bars to win a trip. If each box contains forty-seven chocolate bars, how many boxes will he need to sell to win the trip?

639÷47 = 13 r28

10) An airline has four hundred ninety-five pieces of luggage to put away. If each luggage compartment will hold forty-eight pieces of luggage, how many will be in the compartment that isn't full?

495÷48 = 10 r15

Answers

1. **16**
2. **13**
3. **10**
4. **13**
5. **20**
6. **4**
7. **5**
8. **17**
9. **14**
10. **15**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

20	15	13	17	16
5	10	4	14	13

1) A new video game console needs 42 computer chips. If a machine can create 697 computer chips a day, how many video game consoles can be created in a day?

2) Victor's dad bought 394 meters of string. If he wanted to cut the string into pieces with each piece being 29 meters long, how many full sized pieces could he make?

3) A vase can hold 25 flowers. If a florist had 285 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

4) A builder needed to buy 559 boards for his latest project. If the boards he needs come in packs of 46, how many packages will he need to buy?

5) There are 557 students going to a trivia competition. If each school van can hold 29 students, how many vans will they need?

6) A movie store had 574 movies they were putting on 17 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

7) A post office has 629 pieces of junk mail they want to split evenly between 13 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

8) Haley had 259 pennies. She wanted to place the pennies into 46 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

9) Billy has to sell 639 chocolate bars to win a trip. If each box contains 47 chocolate bars, how many boxes will he need to sell to win the trip?

10) An airline has 495 pieces of luggage to put away. If each luggage compartment will hold 48 pieces of luggage, how many will be in the compartment that isn't full?

Answers

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

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