Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A school had six hundred seventy-one students sign up for the trivia teams. If they wanted to have forty-three team, with the same number of students on each team, how many more students would need to sign up?

2) Bianca wanted to drink exactly thirty-nine bottles of water each day, so she bought four hundred twenty-one bottles when they were on sale. How many more bottles will she need to buy on the last day?

3) A machine in a candy company creates five hundred eleven pieces of candy a minute. If a small box of candy has forty-nine pieces in it how many full boxes does the machine make in a minute?

4) Oliver had six hundred eighteen baseball cards he's putting into a binder with twenty-six on each page. How many cards will he have on the page that isn't full?

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

6) Roger was trying to beat his old score of three hundred ten points in a video game. If he scores exactly seventeen points each round, how many rounds would he need to play to beat his old score?

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

8) A box of computer paper has seven hundred forty-eight sheets left in it. If each printer in a computer lab needed sixteen sheets how many printers would the box fill up?

9) A new video game console needs forty computer chips. If a machine can create four hundred twenty-eight computer chips a day, how many video game consoles can be created in a day?

10) There are eight hundred seventy-one students going to a trivia competition. If each school van can hold thirty-two students, how many vans will they need?

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 school had six hundred seventy-one students sign up for the trivia teams. If they wanted to have forty-three team, with the same number of students on each team, how many more students would need to sign up? 671÷43 = 15 r26

2) Bianca wanted to drink exactly thirty-nine bottles of water each day, so she bought four hundred twenty-one bottles when they were on sale. How many more bottles will she need to buy on the last day? 421÷39 = 10 r31

3) A machine in a candy company creates five hundred eleven pieces of candy a minute. If a small box of candy has forty-nine pieces in it how many full boxes does the machine make in a minute? 511÷49 = 10 r21

4) Oliver had six hundred eighteen baseball cards he's putting into a binder with twenty-six on each page. How many cards will he have on the page that isn't full? 618÷26 = 23 r20

5) A builder needed to buy four hundred forty boards for his latest project. If the boards he needs come in packs of thirty-six, how many packages will he need to buy? 440÷36 = 12 r8

6) Roger was trying to beat his old score of three hundred ten points in a video game. If he scores exactly seventeen points each round, how many rounds would he need to play to beat his old score? 310÷17 = 18 r4

7) An airline has five hundred sixty-eight pieces of luggage to put away. If each luggage compartment will hold twelve pieces of luggage, how many will be in the compartment that isn't full? 568÷12 = 47 r4

8) A box of computer paper has seven hundred forty-eight sheets left in it. If each printer in a computer lab needed sixteen sheets how many printers would the box fill up? 748÷16 = 46 r12

9) A new video game console needs forty computer chips. If a machine can create four hundred twenty-eight computer chips a day, how many video game consoles can be created in a day? 428÷40 = 10 r28

10) There are eight hundred seventy-one students going to a trivia competition. If each school van can hold thirty-two students, how many vans will they need? 871÷32 = 27 r7

Answers

1. **17**
2. **8**
3. **10**
4. **20**
5. **13**
6. **19**
7. **4**
8. **46**
9. **10**
10. **28**

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

19	17	8	10	20
10	28	46	13	4

1) A school had 671 students sign up for the trivia teams. If they wanted to have 43 team, with the same number of students on each team, how many more students would need to sign up?

2) Bianca wanted to drink exactly 39 bottles of water each day, so she bought 421 bottles when they were on sale. How many more bottles will she need to buy on the last day?

3) A machine in a candy company creates 511 pieces of candy a minute. If a small box of candy has 49 pieces in it how many full boxes does the machine make in a minute?

4) Oliver had 618 baseball cards he's putting into a binder with 26 on each page. How many cards will he have on the page that isn't full?

5) A builder needed to buy 440 boards for his latest project. If the boards he needs come in packs of 36, how many packages will he need to buy?

6) Roger was trying to beat his old score of 310 points in a video game. If he scores exactly 17 points each round, how many rounds would he need to play to beat his old score?

7) An airline has 568 pieces of luggage to put away. If each luggage compartment will hold 12 pieces of luggage, how many will be in the compartment that isn't full?

8) A box of computer paper has 748 sheets left in it. If each printer in a computer lab needed 16 sheets how many printers would the box fill up?

9) A new video game console needs 40 computer chips. If a machine can create 428 computer chips a day, how many video game consoles can be created in a day?

10) There are 871 students going to a trivia competition. If each school van can hold 32 students, how many vans will they need?

Answers

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

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