Division Word Problems (3÷1) w/ Remainder

Name:

Solve each problem.

1) A vat of orange juice was two hundred six pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?

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

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

4) The roller coaster at the state fair costs eight tickets per ride. If you had eight hundred eighty-three tickets, how many tickets would you have left if you rode it as many times as you could?

5) Edward has to sell six hundred eighty-five chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?

6) Nancy had five hundred twenty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?

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

8) A clown needed seven hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would he need to buy?

9) An art museum had seven hundred pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

10) An airline has five hundred thirteen pieces of luggage to put away. If each luggage compartment will hold six 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

Solve each problem.

1) A vat of orange juice was two hundred six pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?

206÷6 = 34 r2

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

767÷7 = 109 r4

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

427÷4 = 106 r3

4) The roller coaster at the state fair costs eight tickets per ride. If you had eight hundred eighty-three tickets, how many tickets would you have left if you rode it as many times as you could?

883÷8 = 110 r3

5) Edward has to sell six hundred eighty-five chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?

685÷4 = 171 r1

6) Nancy had five hundred twenty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?

526÷6 = 87 r4

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

432÷5 = 86 r2

8) A clown needed seven hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would he need to buy?

775÷9 = 86 r1

9) An art museum had seven hundred pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

700÷8 = 87 r4

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

513÷6 = 85 r3

Answers

1. **34**
2. **3**
3. **106**
4. **3**
5. **172**
6. **87**
7. **87**
8. **87**
9. **4**
10. **3**

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