Use division to solve each problem.

1) Debby is making bead necklaces. She wants to use seventeen beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

2) At the carnival, six friends bought fifty-five 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?

3) A cafeteria was putting milk cartons into stacks. They had twenty-seven cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?

4) George had seventy pieces of candy. If he wants to split the candy into nine 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?

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

6) An airline has seventy-eight pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?

7) It takes three apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?

8) A vat of orange juice was twenty-three pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?

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

10) A truck can hold six boxes. If you needed to move thirty-one boxes across town, how many trips would you need to make?

Answers

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

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

Use division to solve each problem.

1) Debby is making bead necklaces. She wants to use seventeen beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

17÷8 = 2 r1

2) At the carnival, six friends bought fifty-five 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?

55÷6 = 9 r1

3) A cafeteria was putting milk cartons into stacks. They had twenty-seven cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?

27÷8 = 3 r3

4) George had seventy pieces of candy. If he wants to split the candy into nine 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?

70÷9 = 7 r7

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

7÷3 = 2 r1

6) An airline has seventy-eight pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?

78÷9 = 8 r6

7) It takes three apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?

28÷3 = 9 r1

8) A vat of orange juice was twenty-three pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?

23÷5 = 4 r3

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

64÷9 = 7 r1

10) A truck can hold six boxes. If you needed to move thirty-one boxes across town, how many trips would you need to make?

31÷6 = 5 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

6	5	8	2	4
6	3	2	1	3

1) Debby is making bead necklaces. She wants to use 17 beads to make 8 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

2) At the carnival, 6 friends bought 55 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?

3) A cafeteria was putting milk cartons into stacks. They had 27 cartons and were putting them into stacks with 8 cartons in each stack. How many full stacks could they make?

4) George had 70 pieces of candy. If he wants to split the candy into 9 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?

5) There are 7 students going to a trivia competition. If each school van can hold 3 students, how many vans will they need?

6) An airline has 78 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?

7) It takes 3 apples to make an apple pie. If a chef bought 28 apples, the last pie would need how many more apples?

8) A vat of orange juice was 23 pints. If you wanted to pour the vat into 5 glasses with the same amount in each glass, how many pints would be in each glass?

9) A builder needed to buy 64 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy?

10) A truck can hold 6 boxes. If you needed to move 31 boxes across town, how many trips would you need to make?

Answers

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

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