Solve each problem.

1) Rachel is making bead necklaces. She wants to use two hundred seventy-one} beads to make twenty-six 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, forty-nine friends bought eight hundred thirty-eight} 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 seven hundred eighty-eight} cartons and were putting them into stacks with twenty-seven cartons in each stack. How many full stacks could they make?

4) Luke had four hundred seventy-eight} pieces of candy. If he wants to split the candy into fifteen 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 four hundred ninety-five} students going to a trivia competition. If each school van can hold eighteen students, how many vans will they need?

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

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

8) A vat of orange juice was four hundred nineteen} pints. If you wanted to pour the vat into forty-four glasses with the same amount in each glass, how many pints would be in each glass?

9) A builder needed to buy five hundred seventy-one} boards for his latest project. If the boards he needs come in packs of thirty-nine, how many packages will he need to buy?

10) A truck can hold forty-five boxes. If you needed to move six hundred ninety-nine} boxes across town, how many trips would you need to make?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Solve each problem.

1) Rachel is making bead necklaces. She wants to use two hundred seventy-one} beads to make twenty-six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$271 \div 26 = 10 \text{ r}11$

1. **11**

2) At the carnival, forty-nine friends bought eight hundred thirty-eight} 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?

$838 \div 49 = 17 \text{ r}5$

2. **44**

3. **29**

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

$788 \div 27 = 29 \text{ r}5$

4. **2**

5. **28**

4) Luke had four hundred seventy-eight} pieces of candy. If he wants to split the candy into fifteen 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?

$478 \div 15 = 31 \text{ r}13$

6. **8**

7. **22**

5) There are four hundred ninety-five} students going to a trivia competition. If each school van can hold eighteen students, how many vans will they need?

$495 \div 18 = 27 \text{ r}9$

8. **9**

9. **15**

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

$568 \div 16 = 35 \text{ r}8$

10. **16**

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

$278 \div 25 = 11 \text{ r}3$

8) A vat of orange juice was four hundred nineteen} pints. If you wanted to pour the vat into forty-four glasses with the same amount in each glass, how many pints would be in each glass?

$419 \div 44 = 9 \text{ r}23$

9) A builder needed to buy five hundred seventy-one} boards for his latest project. If the boards he needs come in packs of thirty-nine, how many packages will he need to buy?

$571 \div 39 = 14 \text{ r}25$

10) A truck can hold forty-five boxes. If you needed to move six hundred ninety-nine} boxes across town, how many trips would you need to make?

$699 \div 45 = 15 \text{ r}24$

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

Solve each problem.

8	44	15	22	9
16	29	2	11	28

1. _____

1) Rachel is making bead necklaces. She wants to use 271 beads to make 26 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

2. _____

2) At the carnival, 49 friends bought 838 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. _____

4. _____

3) A cafeteria was putting milk cartons into stacks. They had 788 cartons and were putting them into stacks with 27 cartons in each stack. How many full stacks could they make?

5. _____

6. _____

4) Luke had 478 pieces of candy. If he wants to split the candy into 15 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?

7. _____

8. _____

5) There are 495 students going to a trivia competition. If each school van can hold 18 students, how many vans will they need?

9. _____

10. _____

6) An airline has 568 pieces of luggage to put away. If each luggage compartment will hold 16 pieces of luggage, how many will be in the compartment that isn't full?

7) It takes 25 apples to make an apple pie. If a chef bought 278 apples, the last pie would need how many more apples?

8) A vat of orange juice was 419 pints. If you wanted to pour the vat into 44 glasses with the same amount in each glass, how many pints would be in each glass?

9) A builder needed to buy 571 boards for his latest project. If the boards he needs come in packs of 39, how many packages will he need to buy?

10) A truck can hold 45 boxes. If you needed to move 699 boxes across town, how many trips would you need to make?