Name:

Solve each problem.

1) Debby 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) George 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. _____

Math   www.CommonCoreSheets.com   6

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

Solve each problem.

1) Debby 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?

$271 \div 26 = 10$ r11

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?

$838 \div 49 = 17$ r5

2. ___**44**___

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?

$788 \div 27 = 29$ r5

3. ___**29**___

4) George 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?

$478 \div 15 = 31$ r13

4. ___**2**___

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?

$495 \div 18 = 27$ r9

5. ___**28**___

6. ___**8**___

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?

$568 \div 16 = 35$ r8

7. ___**22**___

8. ___**9**___

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?

$278 \div 25 = 11$ r3

9. ___**15**___

10. ___**16**___

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?

$419 \div 44 = 9$ r23

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?

$571 \div 39 = 14$ r25

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?

$699 \div 45 = 15$ r24

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