Use the completed division problem to answer the question.

- 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 $17 \div 8 = 2 \text{ r}$ 1 beads, how many beads will she have left over?
- Answers

- 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 $55 \div 6 = 9 \text{ r1}$ 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. $27 \div 8 = 3 \text{ r}3$ 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 $70 \div 9 = 7 \text{ r}$ 7 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 $78 \div 9 = 8 \text{ r6}$ compartment that isn't full?

- 7) It takes three apples to make an apple pie. If a chef bought twenty-eight $28 \div 3 = 9 \text{ r1}$ 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?
 - $23 \div 5 = 4 \text{ r}$ 3
- 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 $64 \div 9 = 7 \text{ r1}$ buy?
- 10) A truck can hold six boxes. If you needed to move thirty-one boxes across $31 \div 6 = 5 \text{ r}1$ town, how many trips would you need to make?

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Understanding Division Problems

Name:

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r	<u> </u>	1			_ I
6	5	8	2	4	
6	3	2	1	3	

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- 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? $31 \div 6 = 5 \text{ r1}$

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