



## Understanding Division Problems

Name: \_\_\_\_\_

Use the completed division problem to answer the question.

1) The roller coaster at the state fair costs nine tickets per ride. If you had sixty-eight tickets, how many tickets would you have left if you rode it as many times as you could?  $68 \div 9 = 7 \text{ r}5$

2) A school had fourteen students sign up for the trivia teams. If they wanted to have six team, with the same number of students on each team, how many more students would need to sign up?  $14 \div 6 = 2 \text{ r}2$

3) A botanist picked thirty-nine flowers. She wanted to put them into eight bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?  $39 \div 8 = 4 \text{ r}7$

4) There are forty-four people attending a luncheon. If a table can hold eight people, how many tables do they need?  $44 \div 8 = 5 \text{ r}4$

5) A food company has twenty-five kilograms of food to put into boxes. If each box gets exactly three kilograms, how many full boxes will they have?  $25 \div 3 = 8 \text{ r}1$

6) A movie theater needed twenty-six popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?  $26 \div 6 = 4 \text{ r}2$

7) A recycling company had fourteen pounds of material to sort. To make it easier they split them into boxes with each full box having three pounds, how many full boxes did they have?  $14 \div 3 = 4 \text{ r}2$

8) An airline has eleven pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?  $11 \div 2 = 5 \text{ r}1$

9) A movie store had twenty-five movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?  $25 \div 6 = 4 \text{ r}1$

10) A baker had seven boxes for donuts. He ended up making fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?  $57 \div 7 = 8 \text{ r}1$

## Answers

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10. \_\_\_\_\_



## Understanding Division Problems

Name: **Answer Key**

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**Answers**

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



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6  
4

1  
5

5  
4

1  
5

8  
1

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