Answers

- 1) 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 $11 \div 2 = 5 \text{ r}$ 1 compartment that isn't full?
- 2) A clown needed thirty-seven balloons for a party he was going to, but the balloons only came in packs of five. How many packs of balloons would he $37 \div 5 = 7 \text{ r}2$ need to buy?

3) A truck can hold three boxes. If you needed to move twenty-three boxes across town, how many trips would you need to make?

4) A recycling company had fifty-one pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, how many full boxes did they have?

- 5) A store owner had two employees and bought nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many $9 \div 2 = 4 \text{ r} 1$ more should he buy so he doesn't have any extra?
- 6) Carol wanted to drink exactly four bottles of water each day, so she bought thirty-four bottles when they were on sale. How many more bottles will she $34 \div 4 = 8 \text{ r}2$ need to buy on the last day?

- 7) Lana had twenty-five pennies. She wanted to place the pennies into three stacks, with the same amount in each stack. How many more pennies would $25 \div 3 = 8 \text{ r1}$ she need so all the stacks would be equal?

- 8) The roller coaster at the state fair costs two tickets per ride. If you had thirteen tickets, how many tickets would you have left if you rode it as many times as you could?
 - $13 \div 2 = 6 \text{ r} 1$

 $51 \div 9 = 5 \text{ r6}$

- 9) A box can hold five brownies. If a baker made forty-six brownies, how many full boxes of brownies did he make?
 - $46 \div 5 = 9 \text{ r1}$
- 10) A baker had two boxes for donuts. He ended up making seventeen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
 - $17 \div 2 = 8 \text{ r}1$

Use the completed division problem to answer the question.

- 1) 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
- 2) A clown needed thirty-seven balloons for a party he was going to, but the balloons only came in packs of five. How many packs of balloons would he $37 \div 5 = 7 \text{ r}2$ need to buy?

Answers

- 3) A truck can hold three boxes. If you needed to move twenty-three boxes across town, how many trips would you need to make?
- 4) A recycling company had fifty-one pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, $51 \div 9 = 5 \text{ r6}$ how many full boxes did they have?
- 5) A store owner had two employees and bought nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

- 6) Carol wanted to drink exactly four bottles of water each day, so she bought thirty-four bottles when they were on sale. How many more bottles will she $34 \div 4 = 8 \text{ r}2$ need to buy on the last day?

7) Lana had twenty-five pennies. She wanted to place the pennies into three stacks, with the same amount in each stack. How many more pennies would $25 \div 3 = 8 \text{ r1}$ she need so all the stacks would be equal?

- 8) The roller coaster at the state fair costs two tickets per ride. If you had thirteen tickets, how many tickets would you have left if you rode it as many times as you could?
 - $13 \div 2 = 6 \text{ r} 1$
- 9) A box can hold five brownies. If a baker made forty-six brownies, how many full boxes of brownies did he make?
 - $46 \div 5 = 9 \text{ r1}$
- 10) A baker had two boxes for donuts. He ended up making seventeen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
 - $17 \div 2 = 8 \text{ r}1$



Understanding Division Problems

Name:

Use the completed division problem to answer the question.

					_
2	1	9	8	1	
5	2	8	1	1	

Answers

- 1) 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?
- $11 \div 2 = 5 \text{ r1}$
- 2) A clown needed thirty-seven balloons for a party he was going to, but the balloons only came in packs of five. How many packs of balloons would he $37 \div 5 = 7 \text{ r}2$ need to buy?

- 3) A truck can hold three boxes. If you needed to move twenty-three boxes across town, how many trips would you need to make?
- A recycling company had fifty-one pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, $51 \div 9 = 5 \text{ r6}$ how many full boxes did they have?
- 5) A store owner had two employees and bought nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many $9 \div 2 = 4 \text{ r1}$ more should he buy so he doesn't have any extra?
- 6) Carol wanted to drink exactly four bottles of water each day, so she bought thirty-four bottles when they were on sale. How many more bottles will she $34 \div 4 = 8 \text{ r}2$ need to buy on the last day?

- 7) Lana had twenty-five pennies. She wanted to place the pennies into three she need so all the stacks would be equal?
- stacks, with the same amount in each stack. How many more pennies would $25 \div 3 = 8 \text{ r1}$
- 8) The roller coaster at the state fair costs two tickets per ride. If you had thirteen tickets, how many tickets would you have left if you rode it as many times as you could?
 - $13 \div 2 = 6 \text{ r} 1$
- 9) A box can hold five brownies. If a baker made forty-six brownies, how many full boxes of brownies did he make?
 - $46 \div 5 = 9 \text{ r1}$
- 10) A baker had two boxes for donuts. He ended up making seventeen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
 - $17 \div 2 = 8 \text{ r}1$