Use the completed division problem to answer the question.

1) It takes seven apples to make an apple pie. If a chef bought fifty-nine apples, the last pie would need how many more apples?

$$59 \div 7 = 8 \text{ r}3$$

 $58 \div 6 = 9 \text{ r4}$

Answers

2) It takes nine grams of plastic to make a ruler. If a company had seventy-one grams of plastic, how many entire rulers could they make?

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

4) Robin had saved up twenty-six quarters and decided to spend them on sodas. If it costs nine quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

5) Maria had thirty pennies. She wanted to place the pennies into four stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

- 6) A vat of orange juice was seventeen pints. If you wanted to pour the vat into two glasses with the same amount in each glass, how many pints would $17 \div 2 = 8 \text{ r1}$ be in each glass?

- 7) Frank is trying to earn seventeen dollars for some new toys. If he charges three dollars to mow a lawn, how many lawns will he need to mow to earn $17 \div 3 = 5 \text{ r}2$ the money?
- 8) A coat factory had thirty-two coats. If they wanted to put them into six boxes, with the same number of coats in each box, how many extra coats
 - $32 \div 6 = 5 \text{ r}2$
- 9) A baker had eight boxes for donuts. He ended up making forty-one donuts and splitting them evenly between the boxes. How many extra donuts did $41 \div 8 = 5 \text{ r}1$ he end up with?
- 10) A new video game console needs seven computer chips. If a machine can create forty-six computer chips a day, how many video game consoles can $46 \div 7 = 6 \text{ r4}$ be created in a day?

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