## Use the completed division problem to answer the question.

- 1) A box of computer paper has nine sheets left in it. If each printer in a  $9 \div 4 = 2 \text{ r1}$ computer lab needed four sheets how many printers would the box fill up?

Answers

- 2) An airline has forty-one pieces of luggage to put away. If each luggage compartment will hold five pieces of luggage, how many will be in the  $41 \div 5 = 8 \text{ r}1$ compartment that isn't full?
- 3) Amy had saved up fifty-eight quarters and decided to spend them on sodas. If it costs eight quarters for each soda from a soda machine, how many  $58 \div 8 = 7 \text{ r}2$ more quarters would she need to buy the final soda?
- 4) Nancy had thirty-two pennies. She wanted to place the pennies into five stacks, with the same amount in each stack. How many more pennies would  $32 \div 5 = 6 \text{ r}2$ she need so all the stacks would be equal?
- 5) A librarian had to pack seven books into boxes. If each box can hold three  $7 \div 3 = 2 \text{ r1}$ books, how many boxes did she need?

- A grocery store needed thirty-three cans of peas. If the peas come in boxes  $33 \div 9 = 3 \text{ r6}$ with nine cans in each box, how many boxes would they need to order?

- 7) Billy's dad bought twenty-three meters of string. If he wanted to cut the string into pieces with each piece being nine meters long, how many full  $23 \div 9 = 2 \text{ r5}$ sized pieces could he make?

- 8) A builder needed to buy seventeen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to  $17 \div 2 = 8 \text{ r}$ buy?
- 9) A new video game console needs three computer chips. If a machine can create twenty-five computer chips a day, how many video game consoles  $25 \div 3 = 8 \text{ r1}$ can be created in a day?
- 10) Kaleb bought thirty-six pieces of candy to give to eight of his friends. If he wants to give each friend the same amount, how many pieces would he  $36 \div 8 = 4 \text{ r4}$ have left over?

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| 6 | 3 | 4 | 3 | 2 |
|---|---|---|---|---|
| 9 | 2 | 8 | 4 | 1 |

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