Use the completed division problem to answer the
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- 1) Cody wanted to give each of his seven friends an equal amount of candy. At the store he bought seventeen pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- $17 \div 7 = 2 \text{ r}$ 3

Answers

- 2) An art museum had twenty-six pictures to split equally into six different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
  - $26 \div 6 = 4 \text{ r}2$
- 3) A box of computer paper has eighty-four sheets left in it. If each printer in a  $84 \div 9 = 9 \text{ r}$ 3 computer lab needed nine sheets how many printers would the box fill up?
- 4) A movie theater needed thirty-seven popcorn buckets. If each package has eight buckets in it, how many packages will they need to buy?
- 5) Mike's dad bought fifty-six meters of string. If he wanted to cut the string into pieces with each piece being nine meters long, how many full sized  $56 \div 9 = 6 \text{ r}2$ pieces could he make?
- 6) Amy had saved up thirty-nine quarters and decided to spend them on sodas. If it costs five quarters for each soda from a soda machine, how many more  $39 \div 5 = 7 \text{ r4}$ quarters would she need to buy the final soda?

- 7) A baker had seven boxes for donuts. He ended up making thirty-three donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
  - $33 \div 7 = 4 \text{ r5}$
- 8) There are forty-one people attending a luncheon. If a table can hold six people, how many tables do they need?

$$41 \div 6 = 6 \text{ r5}$$

- 9) A builder needed to buy ten boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?
  - $10 \div 3 = 3 \text{ r1}$
- 10) A food company has nine kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?
- $9 \div 2 = 4 \text{ r} 1$

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	At the store he bought seventeen pieces total to give to them. He many
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$$84 \div 9 = 9 \text{ r}$$
3

$$a 84 \div 9 = 9 \text{ r}$$

$$37 \div 8 = 4 \text{ r5}$$

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## **Understanding Division Problems**

Name:

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7	4	4	5	6
9	1	5	4	4

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