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

1) A librarian had to pack eighteen books into boxes. If each box can hold seven books, how many boxes did she need?

$$18 \div 7 = 2 \text{ r4}$$

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**Answers** 

- 2) Jerry wanted to give each of his eight friends an equal amount of candy. At the store he bought forty-nine pieces total to give to them. He many more  $49 \div 8 = 6 \text{ r1}$ pieces should he have bought so he didn't have any extra?
- 3) Tiffany wanted to drink exactly three bottles of water each day, so she bought ten bottles when they were on sale. How many more bottles will she  $10 \div 3 = 3 \text{ r1}$ need to buy on the last day?
- create seven computer chips a day, how many video game consoles can be  $7 \div 2 = 3 \text{ r1}$ created in a day?

4) A new video game console needs two computer chips. If a machine can

- 5) A movie store had sixty-seven movies they were putting on eight shelves. If the owner wanted to make sure each shelf had the same number of movies  $67 \div 8 = 8 \text{ r}$ 3 how many more movies would he need?
- 6) A post office has fifty-eight pieces of junk mail they want to split evenly between nine mail trucks. How many extra pieces of junk mail will they  $58 \div 9 = 6 \text{ r4}$ have if they give each truck the same amount?
- 7) A restaurant needs to buy thirty-six new plates. If each box has five plates  $36 \div 5 = 7 \text{ r1}$ in it, how many boxes will they need to buy?
- 8) An airline has eighteen pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the  $18 \div 8 = 2 \text{ r}2$ compartment that isn't full?
- 9) Nancy received thirty dollars for her birthday. Later she found some toys that cost nine dollars each. How much money would she have left if she  $30 \div 9 = 3 \text{ r}$ 3 bought as many as she could?
- 10) A machine in a candy company creates forty pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the  $40 \div 7 = 5 \text{ r5}$ machine make in a minute?

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Answers

- **7**
- **2**
- **3**
- 5. \_\_\_\_\_5
- 6. \_\_\_\_4
- 7. \_\_\_\_\_8
  - 3. **2**
- 9. **3**
- 0. 5

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## **Understanding Division Problems**

Name:

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8	3	3	5	2
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