Use the completed division problem to answer the question.

- 1) A vat of orange juice was thirty-one pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?
  - $31 \div 5 = 6 \text{ r}$ 1

**Answers** 

- 2) A movie store had sixty-seven movies they were putting on nine shelves. If the owner wanted to make sure each shelf had the same number of movies  $67 \div 9 = 7 \text{ r4}$ how many more movies would he need?
- 3) A box of computer paper has thirty-eight sheets left in it. If each printer in a  $38 \div 9 = 4 \text{ r}2$ computer lab needed nine sheets how many printers would the box fill up?
- 4) The roller coaster at the state fair costs seven tickets per ride. If you had sixty-one tickets, how many tickets would you have left if you rode it as  $61 \div 7 = 8 \text{ r5}$ many times as you could?
- 5) Edward has to sell thirty-two chocolate bars to win a trip. If each box contains seven chocolate bars, how many boxes will he need to sell to win  $32 \div 7 = 4 \text{ r4}$ the trip?

- 6) Katie had forty-seven photos to put into a photo album. If each page holds seven photos, how many full pages will she have?

- 7) A builder needed to buy twenty-seven boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to  $27 \div 5 = 5 \text{ r}2$ buy?

- 8) A clown needed eighty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would he need to buy?
  - $82 \div 9 = 9 \text{ r}1$
- 9) An art museum had thirty-five pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
  - $35 \div 4 = 8 \text{ r}3$
- 10) An airline has thirty-nine pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the compartment that isn't full?
- $39 \div 6 = 6 \text{ r}$

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

1)	A vat of orange juice was thirty-one pints. If you wanted to pour the vat	
	into five glasses with the same amount in each glass, how many pints	31
	would be in each glass?	

- $1 \div 5 = 6 \text{ r} 1$
- 2) A movie store had sixty-seven movies they were putting on nine shelves. If the owner wanted to make sure each shelf had the same number of movies  $67 \div 9 = 7 \text{ r4}$ how many more movies would he need?
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- 8) A clown needed eighty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would  $82 \div 9 = 9 \text{ r1}$ he need to buy?
- 9) An art museum had thirty-five pictures to split equally into four different exhibits. How many more pictures would they need to make sure each  $35 \div 4 = 8 \text{ r}$ exhibit had the same amount?
- 10) An airline has thirty-nine pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the  $39 \div 6 = 6 \text{ r}$ compartment that isn't full?



## **Understanding Division Problems**

Name:

Use the completed division problem to answer the question.

 	<u> </u>				I
5	5	4	1	3	
10	6	6	5	6	

- 1) A vat of orange juice was thirty-one pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?
- $31 \div 5 = 6 \text{ r}1$
- 2) A movie store had sixty-seven movies they were putting on nine shelves. If the owner wanted to make sure each shelf had the same number of movies  $67 \div 9 = 7 \text{ r4}$ how many more movies would he need?
- 3) A box of computer paper has thirty-eight sheets left in it. If each printer in a  $38 \div 9 = 4 \text{ r}2$ computer lab needed nine sheets how many printers would the box fill up?

<u>Answers</u>

- The roller coaster at the state fair costs seven tickets per ride. If you had sixty-one tickets, how many tickets would you have left if you rode it as  $61 \div 7 = 8 \text{ r5}$ many times as you could?
- 5) Edward has to sell thirty-two chocolate bars to win a trip. If each box contains seven chocolate bars, how many boxes will he need to sell to win  $32 \div 7 = 4 \text{ r4}$ the trip?
- 6) Katie had forty-seven photos to put into a photo album. If each page holds  $47 \div 7 = 6 \text{ r5}$ seven photos, how many full pages will she have?

- 7) A builder needed to buy twenty-seven boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to  $27 \div 5 = 5 \text{ r}2$ buy?
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**Modified** 

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he need to buy?