



Use division to solve each problem.

- 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?
- 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 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 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 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 the trip?
- 6) Nancy 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 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?
- 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?
- 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?

**Answers**

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Use division to solve each problem.

		<u>Answers</u>
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?	$31 \div 5 = 6 \text{ r}1$	1. <u>6</u>
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 how many more movies would he need?	$67 \div 9 = 7 \text{ r}4$	2. <u>5</u>
3) A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?	$38 \div 9 = 4 \text{ r}2$	3. <u>4</u>
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 many times as you could?	$61 \div 7 = 8 \text{ r}5$	4. <u>5</u>
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 the trip?	$32 \div 7 = 4 \text{ r}4$	5. <u>5</u>
6) Nancy had forty-seven photos to put into a photo album. If each page holds seven photos, how many full pages will she have?	$47 \div 7 = 6 \text{ r}5$	6. <u>6</u>
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 buy?	$27 \div 5 = 5 \text{ r}2$	7. <u>6</u>
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?	$82 \div 9 = 9 \text{ r}1$	8. <u>10</u>
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?	$35 \div 4 = 8 \text{ r}3$	9. <u>1</u>
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?	$39 \div 6 = 6 \text{ r}3$	10. <u>3</u>



Use division to solve each problem.

5	5	4	1	3
10	6	6	5	6

**Answers**

- 1) A vat of orange juice was 31 pints. If you wanted to pour the vat into 5 glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A movie store had 67 movies they were putting on 9 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 3) A box of computer paper has 38 sheets left in it. If each printer in a computer lab needed 9 sheets how many printers would the box fill up?
- 4) The roller coaster at the state fair costs 7 tickets per ride. If you had 61 tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) Edward has to sell 32 chocolate bars to win a trip. If each box contains 7 chocolate bars, how many boxes will he need to sell to win the trip?
- 6) Nancy had 47 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?
- 7) A builder needed to buy 27 boards for his latest project. If the boards he needs come in packs of 5, how many packages will he need to buy?
- 8) A clown needed 82 balloons for a party he was going to, but the balloons only came in packs of 9. How many packs of balloons would he need to buy?
- 9) An art museum had 35 pictures to split equally into 4 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 10) An airline has 39 pieces of luggage to put away. If each luggage compartment will hold 6 pieces of luggage, how many will be in the compartment that isn't full?

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