

**Solve each problem.****Answers**

- 1) At the carnival, fourteen friends bought eight hundred thirteen tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 2) A grocery store needed three hundred fifty-nine cans of peas. If the peas come in boxes with thirty cans in each box, how many boxes would they need to order?
- 3) Tom has to sell seven hundred sixty-one chocolate bars to win a trip. If each box contains eighteen chocolate bars, how many boxes will he need to sell to win the trip?
- 4) A new video game console needs twenty computer chips. If a machine can create seven hundred twenty-four computer chips a day, how many video game consoles can be created in a day?
- 5) A movie theater needed three hundred thirty-two popcorn buckets. If each package has eighteen buckets in it, how many packages will they need to buy?
- 6) An airline has six hundred eighty-five pieces of luggage to put away. If each luggage compartment will hold twenty-two pieces of luggage, how many will be in the compartment that isn't full?
- 7) Sarah received three hundred ninety dollars for her birthday. Later she found some toys that cost eighteen dollars each. How much money would she have left if she bought as many as she could?
- 8) A box of cupcakes cost \$twenty-four. If you had two hundred thirty-three dollars and bought as many boxes as you could, how much money would you have left?
- 9) A box can hold fourteen brownies. If a baker made five hundred eighty-two brownies, how many full boxes of brownies did he make?
- 10) A school had four hundred fifty students sign up for the trivia teams. If they wanted to have thirty-three team, with the same number of students on each team, how many more students would need to sign up?

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Solve each problem.

		<u>Answers</u>
1) At the carnival, fourteen friends bought eight hundred thirteen tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	$813 \div 14 = 58 \text{ r}1$	1. <u>13</u>
2) A grocery store needed three hundred fifty-nine cans of peas. If the peas come in boxes with thirty cans in each box, how many boxes would they need to order?	$359 \div 30 = 11 \text{ r}29$	2. <u>12</u> 3. <u>43</u>
3) Tom has to sell seven hundred sixty-one chocolate bars to win a trip. If each box contains eighteen chocolate bars, how many boxes will he need to sell to win the trip?	$761 \div 18 = 42 \text{ r}5$	4. <u>36</u> 5. <u>19</u>
4) A new video game console needs twenty computer chips. If a machine can create seven hundred twenty-four computer chips a day, how many video game consoles can be created in a day?	$724 \div 20 = 36 \text{ r}4$	6. <u>3</u> 7. <u>12</u>
5) A movie theater needed three hundred thirty-two popcorn buckets. If each package has eighteen buckets in it, how many packages will they need to buy?	$332 \div 18 = 18 \text{ r}8$	8. <u>17</u> 9. <u>41</u>
6) An airline has six hundred eighty-five pieces of luggage to put away. If each luggage compartment will hold twenty-two pieces of luggage, how many will be in the compartment that isn't full?	$685 \div 22 = 31 \text{ r}3$	10. <u>12</u>
7) Sarah received three hundred ninety dollars for her birthday. Later she found some toys that cost eighteen dollars each. How much money would she have left if she bought as many as she could?	$390 \div 18 = 21 \text{ r}12$	
8) A box of cupcakes cost \$twenty-four. If you had two hundred thirty-three dollars and bought as many boxes as you could, how much money would you have left?	$233 \div 24 = 9 \text{ r}17$	
9) A box can hold fourteen brownies. If a baker made five hundred eighty-two brownies, how many full boxes of brownies did he make?	$582 \div 14 = 41 \text{ r}8$	
10) A school had four hundred fifty students sign up for the trivia teams. If they wanted to have thirty-three team, with the same number of students on each team, how many more students would need to sign up?	$450 \div 33 = 13 \text{ r}21$	



Solve each problem.

12	12	3	36	43
41	13	17	12	19

**Answers**

- 1) At the carnival, 14 friends bought 813 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 2) A grocery store needed 359 cans of peas. If the peas come in boxes with 30 cans in each box, how many boxes would they need to order?
- 3) Tom has to sell 761 chocolate bars to win a trip. If each box contains 18 chocolate bars, how many boxes will he need to sell to win the trip?
- 4) A new video game console needs 20 computer chips. If a machine can create 724 computer chips a day, how many video game consoles can be created in a day?
- 5) A movie theater needed 332 popcorn buckets. If each package has 18 buckets in it, how many packages will they need to buy?
- 6) An airline has 685 pieces of luggage to put away. If each luggage compartment will hold 22 pieces of luggage, how many will be in the compartment that isn't full?
- 7) Sarah received 390 dollars for her birthday. Later she found some toys that cost 18 dollars each. How much money would she have left if she bought as many as she could?
- 8) A box of cupcakes cost \$24. If you had 233 dollars and bought as many boxes as you could, how much money would you have left?
- 9) A box can hold 14 brownies. If a baker made 582 brownies, how many full boxes of brownies did he make?
- 10) A school had 450 students sign up for the trivia teams. If they wanted to have 33 team, with the same number of students on each team, how many more students would need to sign up?

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