

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

- 1) At the carnival, twenty-five friends bought eight hundred thirty-eight tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?
- 2) A vase can hold forty-eight flowers. If a florist had seven hundred sixty-one flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 3) A container can hold forty-six orange slices. If a company had four hundred twenty orange slices to put into containers, how many more slices would they need to fill up the last container?
- 4) A food company has nine hundred thirty-six kilograms of food to put into boxes. If each box gets exactly forty-six kilograms, how many full boxes will they have?
- 5) A vat of orange juice was six hundred six pints. If you wanted to pour the vat into thirty-three glasses with the same amount in each glass, how many pints would be in each glass?
- 6) Haley had saved up six hundred forty-eight dimes and decided to spend them on sodas. If it costs twenty-one dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda?
- 7) Dave bought one hundred seventy-eight pieces of candy to give to twenty-two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 8) A new video game console needs thirty computer chips. If a machine can create six hundred fifty-seven computer chips a day, how many video game consoles can be created in a day?
- 9) A pizza store had five hundred sixty-nine pieces of pepperoni to put on their pizzas. If each pizza got thirty-one pieces, how many extra pieces of pepperoni would they have?
- 10) A builder needed to buy nine hundred forty-five nails for his latest project. If the nails he needs come in boxes of forty-two, how many boxes will he need to buy?

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1) At the carnival, twenty-five friends bought eight hundred thirty-eight tickets. If they wanted to split all the tickets so each person got the same amount, how many more tickets would they need to buy?	$838 \div 25 = 33 \text{ r}13$	1. <u>12</u>
2) A vase can hold forty-eight flowers. If a florist had seven hundred sixty-one flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?	$761 \div 48 = 15 \text{ r}41$	2. <u>41</u>
3) A container can hold forty-six orange slices. If a company had four hundred twenty orange slices to put into containers, how many more slices would they need to fill up the last container?	$420 \div 46 = 9 \text{ r}6$	3. <u>40</u>
4) A food company has nine hundred thirty-six kilograms of food to put into boxes. If each box gets exactly forty-six kilograms, how many full boxes will they have?	$936 \div 46 = 20 \text{ r}16$	4. <u>20</u>
5) A vat of orange juice was six hundred six pints. If you wanted to pour the vat into thirty-three glasses with the same amount in each glass, how many pints would be in each glass?	$606 \div 33 = 18 \text{ r}12$	5. <u>18</u>
6) Haley had saved up six hundred forty-eight dimes and decided to spend them on sodas. If it costs twenty-one dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda?	$648 \div 21 = 30 \text{ r}18$	6. <u>3</u>
7) Dave bought one hundred seventy-eight pieces of candy to give to twenty-two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$178 \div 22 = 8 \text{ r}2$	7. <u>2</u>
8) A new video game console needs thirty computer chips. If a machine can create six hundred fifty-seven computer chips a day, how many video game consoles can be created in a day?	$657 \div 30 = 21 \text{ r}27$	8. <u>21</u>
9) A pizza store had five hundred sixty-nine pieces of pepperoni to put on their pizzas. If each pizza got thirty-one pieces, how many extra pieces of pepperoni would they have?	$569 \div 31 = 18 \text{ r}11$	9. <u>11</u>
10) A builder needed to buy nine hundred forty-five nails for his latest project. If the nails he needs come in boxes of forty-two, how many boxes will he need to buy?	$945 \div 42 = 22 \text{ r}21$	10. <u>23</u>



Solve each problem.

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Answers

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