

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

- 1) A food company has four hundred thirty-seven kilograms of food to put into boxes. If each box gets exactly eight kilograms, how many full boxes will they have?
- 2) A box of computer paper has eight hundred seventeen sheets left in it. If each printer in a computer lab needed four sheets how many printers would the box fill up?
- 3) At the carnival, eight friends bought seven hundred fifty-seven 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?
- 4) Ned had three hundred fifty pieces of candy. If he wants to split the candy into eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 5) A box can hold three brownies. If a baker made four hundred fifty-one brownies, how many full boxes of brownies did he make?
- 6) A baker had four boxes for donuts. He ended up making three hundred fifty donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) Gwen had saved up eight hundred thirty-three quarters and decided to spend them on sodas. If it costs five quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 8) A pizza store had two hundred fifteen pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?
- 9) There are six hundred ninety-four people attending a luncheon. If a table can hold nine people, how many tables do they need?
- 10) A truck can hold seven boxes. If you needed to move nine hundred twenty-two boxes across town, how many trips would you need to make?

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

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|---|-------------------------------|----------------|
| 1) A food company has four hundred thirty-seven kilograms of food to put into boxes. If each box gets exactly eight kilograms, how many full boxes will they have? | $437 \div 8 = 54 \text{ r}5$ | 1. <u>54</u> |
| 2) A box of computer paper has eight hundred seventeen sheets left in it. If each printer in a computer lab needed four sheets how many printers would the box fill up? | $817 \div 4 = 204 \text{ r}1$ | 2. <u>204</u> |
| 3) At the carnival, eight friends bought seven hundred fifty-seven 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? | $757 \div 8 = 94 \text{ r}5$ | 3. <u>3</u> |
| 4) Ned had three hundred fifty pieces of candy. If he wants to split the candy into eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount? | $350 \div 8 = 43 \text{ r}6$ | 4. <u>2</u> |
| 5) A box can hold three brownies. If a baker made four hundred fifty-one brownies, how many full boxes of brownies did he make? | $451 \div 3 = 150 \text{ r}1$ | 5. <u>150</u> |
| 6) A baker had four boxes for donuts. He ended up making three hundred fifty donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? | $350 \div 4 = 87 \text{ r}2$ | 6. <u>2</u> |
| 7) Gwen had saved up eight hundred thirty-three quarters and decided to spend them on sodas. If it costs five quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? | $833 \div 5 = 166 \text{ r}3$ | 7. <u>2</u> |
| 8) A pizza store had two hundred fifteen pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have? | $215 \div 9 = 23 \text{ r}8$ | 8. <u>8</u> |
| 9) There are six hundred ninety-four people attending a luncheon. If a table can hold nine people, how many tables do they need? | $694 \div 9 = 77 \text{ r}1$ | 9. <u>78</u> |
| 10) A truck can hold seven boxes. If you needed to move nine hundred twenty-two boxes across town, how many trips would you need to make? | $922 \div 7 = 131 \text{ r}5$ | 10. <u>132</u> |



Solve each problem.

Answers

2	3	54	204	78
8	132	150	2	2

- 1) A food company has 437 kilograms of food to put into boxes. If each box gets exactly 8 kilograms, how many full boxes will they have?
- 2) A box of computer paper has 817 sheets left in it. If each printer in a computer lab needed 4 sheets how many printers would the box fill up?
- 3) At the carnival, 8 friends bought 757 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?
- 4) Ned had 350 pieces of candy. If he wants to split the candy into 8 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 5) A box can hold 3 brownies. If a baker made 451 brownies, how many full boxes of brownies did he make?
- 6) A baker had 4 boxes for donuts. He ended up making 350 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) Gwen had saved up 833 quarters and decided to spend them on sodas. If it costs 5 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 8) A pizza store had 215 pieces of pepperoni to put on their pizzas. If each pizza got 9 pieces, how many extra pieces of pepperoni would they have?
- 9) There are 694 people attending a luncheon. If a table can hold 9 people, how many tables do they need?
- 10) A truck can hold 7 boxes. If you needed to move 922 boxes across town, how many trips would you need to make?

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