

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

- 1) At the carnival, forty-seven friends bought nine hundred sixty-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) There are three hundred forty-seven students going to a trivia competition. If each school bus can hold thirty-seven students, how many buses will they need?
- 3) Faye received two hundred sixty-eight dollars for her birthday. Later she found some toys that cost twelve dollars each. How much money would she have left if she bought as many as she could?
- 4) A restaurant needs to buy two hundred thirty-four new plates. If each box has thirty plates in it, how many boxes will they need to buy?
- 5) Rachel wanted to drink exactly thirty-six bottles of water each day, so she bought four hundred twenty-seven bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 6) A pizza store had six hundred sixty-one pieces of pepperoni to put on their pizzas. If each pizza got thirty-five pieces, how many extra pieces of pepperoni would they have?
- 7) Each house a carpenter builds needs forty-eight electric sockets. If he bought seven hundred four sockets, how many houses would that cover?
- 8) A cafeteria was putting milk cartons into stacks. They had seven hundred eighteen cartons and were putting them into stacks with twenty-three cartons in each sack. How many full stacks could they make?
- 9) There are four hundred sixteen people attending a luncheon. If a table can hold fourteen people, how many tables do they need?
- 10) A box of light fixtures cost \$forty. If you had six hundred sixty-seven dollars and bought as many boxes as you could, how much money would you have left?

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| 1) At the carnival, forty-seven friends bought nine hundred sixty-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?   | $968 \div 47 = 20 \text{ r}28$ | 1. <u>19</u>  |
| 2) There are three hundred forty-seven students going to a trivia competition. If each school bus can hold thirty-seven students, how many buses will they need?   | $347 \div 37 = 9 \text{ r}14$  | 2. <u>10</u>  |
| 3) Faye received two hundred sixty-eight dollars for her birthday. Later she found some toys that cost twelve dollars each. How much money would she have left if she bought as many as she could?           | $268 \div 12 = 22 \text{ r}4$  | 3. <u>4</u>   |
| 4) A restaurant needs to buy two hundred thirty-four new plates. If each box has thirty plates in it, how many boxes will they need to buy?  | $234 \div 30 = 7 \text{ r}24$  | 4. <u>8</u>   |
| 5) Rachel wanted to drink exactly thirty-six bottles of water each day, so she bought four hundred twenty-seven bottles when they were on sale. How many more bottles will she need to buy on the last day?  | $427 \div 36 = 11 \text{ r}31$ | 5. <u>5</u>   |
| 6) A pizza store had six hundred sixty-one pieces of pepperoni to put on their pizzas. If each pizza got thirty-five pieces, how many extra pieces of pepperoni would they have?                             | $661 \div 35 = 18 \text{ r}31$ | 6. <u>31</u>  |
| 7) Each house a carpenter builds needs forty-eight electric sockets. If he bought seven hundred four sockets, how many houses would that cover?  | $704 \div 48 = 14 \text{ r}32$ | 7. <u>14</u>  |
| 8) A cafeteria was putting milk cartons into stacks. They had seven hundred eighteen cartons and were putting them into stacks with twenty-three cartons in each sack. How many full stacks could they make? | $718 \div 23 = 31 \text{ r}5$  | 8. <u>31</u>  |
| 9) There are four hundred sixteen people attending a luncheon. If a table can hold fourteen people, how many tables do they need?  | $416 \div 14 = 29 \text{ r}10$ | 9. <u>30</u>  |
| 10) A box of light fixtures cost \$forty. If you had six hundred sixty-seven dollars and bought as many boxes as you could, how much money would you have left?  | $667 \div 40 = 16 \text{ r}27$ | 10. <u>27</u> |



Solve each problem.

31	31	10	8	19
27	30	4	5	14

**Answers**

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