

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

- 1) A box of light fixtures cost \$eighteen. If you had four hundred thirty-three dollars and bought as many boxes as you could, how much money would you have left?
- 2) Jerry wanted to give each of his thirty-six friends an equal amount of candy. At the store he bought seven hundred seventy pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?
- 3) A librarian had to pack three hundred seventy-nine books into boxes. If each box can hold thirty-seven books, how many boxes did she need?
- 4) A container can hold thirty-five orange slices. If a company had four hundred ninety-six orange slices to put into containers, how many more slices would they need to fill up the last container?
- 5) Lana had saved up seven hundred nineteen dimes and decided to spend them on sodas. If it costs forty dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda?
- 6) Sam has to sell eight hundred nineteen chocolate bars to win a trip. If each box contains thirty-eight chocolate bars, how many boxes will he need to sell to win the trip?
- 7) An industrial machine can make seven hundred eighty-one crayons a day. If each box of crayons has thirty-one crayons in it, how many full boxes does the machine make a day?
- 8) A box can hold forty-eight brownies. If a baker made eight hundred forty-six brownies, how many full boxes of brownies did he make?
- 9) Isabel had nine hundred two songs on her mp3 player. If she wanted to put the songs equally into thirty-one different playlists, how many songs would she have left over?
- 10) Haley received seven hundred sixty-six dollars for her birthday. Later she found some toys that cost seventeen dollars each. How much money would she have left if she bought as many as she could?

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Answers

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|---|--------------------------------|-----------------------------|
| 1) A box of light fixtures cost \$eighteen. If you had four hundred thirty-three dollars and bought as many boxes as you could, how much money would you have left? | $433 \div 18 = 24 \text{ r}1$ | 1. <u> 1 </u> |
| 2) Jerry wanted to give each of his thirty-six friends an equal amount of candy. At the store he bought seven hundred seventy pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces? | $770 \div 36 = 21 \text{ r}14$ | 2. <u> 22 </u> |
| 3) A librarian had to pack three hundred seventy-nine books into boxes. If each box can hold thirty-seven books, how many boxes did she need? | $379 \div 37 = 10 \text{ r}9$ | 3. <u> 11 </u> |
| 4) A container can hold thirty-five orange slices. If a company had four hundred ninety-six orange slices to put into containers, how many more slices would they need to fill up the last container? | $496 \div 35 = 14 \text{ r}6$ | 4. <u> 29 </u> |
| 5) Lana had saved up seven hundred nineteen dimes and decided to spend them on sodas. If it costs forty dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda? | $719 \div 40 = 17 \text{ r}39$ | 5. <u> 1 </u> |
| 6) Sam has to sell eight hundred nineteen chocolate bars to win a trip. If each box contains thirty-eight chocolate bars, how many boxes will he need to sell to win the trip? | $819 \div 38 = 21 \text{ r}21$ | 6. <u> 22 </u> |
| 7) An industrial machine can make seven hundred eighty-one crayons a day. If each box of crayons has thirty-one crayons in it, how many full boxes does the machine make a day? | $781 \div 31 = 25 \text{ r}6$ | 7. <u> 25 </u> |
| 8) A box can hold forty-eight brownies. If a baker made eight hundred forty-six brownies, how many full boxes of brownies did he make? | $846 \div 48 = 17 \text{ r}30$ | 8. <u> 17 </u> |
| 9) Isabel had nine hundred two songs on her mp3 player. If she wanted to put the songs equally into thirty-one different playlists, how many songs would she have left over? | $902 \div 31 = 29 \text{ r}3$ | 9. <u> 3 </u> |
| 10) Haley received seven hundred sixty-six dollars for her birthday. Later she found some toys that cost seventeen dollars each. How much money would she have left if she bought as many as she could? | $766 \div 17 = 45 \text{ r}1$ | 10. <u> 1 </u> |



Solve each problem.

7	40	12	7	60
30	5	4	41	11

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