

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

- 1) Cody is trying to earn three hundred seventy-seven dollars for some new toys. If he charges thirty-seven dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 2) A box can hold forty-one brownies. If a baker made seven hundred five brownies, how many full boxes of brownies did he make?
- 3) It takes twenty-one apples to make an apple pie. If a chef bought nine hundred twenty-seven apples, the last pie would need how many more apples?
- 4) A librarian had to pack nine hundred thirty-three books into boxes. If each box can hold forty-five books, how many boxes did she need?
- 5) Lana had four hundred ninety-eight songs on her mp3 player. If she wanted to put the songs equally into thirty-nine different playlists, how many songs would she have left over?
- 6) At the carnival, twelve friends bought three hundred seventy-six 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?
- 7) A movie theater needed seven hundred seven popcorn buckets. If each package has forty-seven buckets in it, how many packages will they need to buy?
- 8) A food company has nine hundred seventy-six kilograms of food to put into boxes. If each box gets exactly seventeen kilograms, how many full boxes will they have?
- 9) A baker had twenty boxes for donuts. He ended up making four hundred ninety-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 10) A cafeteria was putting milk cartons into stacks. They had three hundred ninety-four cartons and were putting them into stacks with thirty-two cartons in each stack. How many full stacks could they make?

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**Solve each problem.**

| | | | <u>Answers</u> |
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| 1) Cody is trying to earn three hundred seventy-seven dollars for some new toys. If he charges thirty-seven dollars to mow a lawn, how many lawns will he need to mow to earn the money? | $377\div 37 = 10 \text{ r}7$ | 1. | 11 |
| 2) A box can hold forty-one brownies. If a baker made seven hundred five brownies, how many full boxes of brownies did he make? | $705\div 41 = 17 \text{ r}8$ | 2. | 17 |
| 3) It takes twenty-one apples to make an apple pie. If a chef bought nine hundred twenty-seven apples, the last pie would need how many more apples? | $927\div 21 = 44 \text{ r}3$ | 3. | 18 |
| 4) A librarian had to pack nine hundred thirty-three books into boxes. If each box can hold forty-five books, how many boxes did she need? | $933\div 45 = 20 \text{ r}33$ | 4. | 21 |
| 5) Lana had four hundred ninety-eight songs on her mp3 player. If she wanted to put the songs equally into thirty-nine different playlists, how many songs would she have left over? | $498\div 39 = 12 \text{ r}30$ | 5. | 30 |
| 6) At the carnival, twelve friends bought three hundred seventy-six 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? | $376\div 12 = 31 \text{ r}4$ | 6. | 8 |
| 7) A movie theater needed seven hundred seven popcorn buckets. If each package has forty-seven buckets in it, how many packages will they need to buy? | $707\div 47 = 15 \text{ r}2$ | 7. | 16 |
| 8) A food company has nine hundred seventy-six kilograms of food to put into boxes. If each box gets exactly seventeen kilograms, how many full boxes will they have? | $976\div 17 = 57 \text{ r}7$ | 8. | 57 |
| 9) A baker had twenty boxes for donuts. He ended up making four hundred ninety-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? | $497\div 20 = 24 \text{ r}17$ | 9. | 17 |
| 10) A cafeteria was putting milk cartons into stacks. They had three hundred ninety-four cartons and were putting them into stacks with thirty-two cartons in each stack. How many full stacks could they make? | $394\div 32 = 12 \text{ r}10$ | 10. | 12 |



Solve each problem.

Answers

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|----|----|----|----|----|
| 11 | 12 | 18 | 16 | 57 |
| 21 | 8 | 17 | 30 | 17 |

- 1) Cody is trying to earn 377 dollars for some new toys. If he charges 37 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 2) A box can hold 41 brownies. If a baker made 705 brownies, how many full boxes of brownies did he make?
- 3) It takes 21 apples to make an apple pie. If a chef bought 927 apples, the last pie would need how many more apples?
- 4) A librarian had to pack 933 books into boxes. If each box can hold 45 books, how many boxes did she need?
- 5) Lana had 498 songs on her mp3 player. If she wanted to put the songs equally into 39 different playlists, how many songs would she have left over?
- 6) At the carnival, 12 friends bought 376 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?
- 7) A movie theater needed 707 popcorn buckets. If each package has 47 buckets in it, how many packages will they need to buy?
- 8) A food company has 976 kilograms of food to put into boxes. If each box gets exactly 17 kilograms, how many full boxes will they have?
- 9) A baker had 20 boxes for donuts. He ended up making 497 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 10) A cafeteria was putting milk cartons into stacks. They had 394 cartons and were putting them into stacks with 32 cartons in each stack. How many full stacks could they make?

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