

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

- 1) A cafeteria was putting milk cartons into stacks. They had five hundred forty-one cartons and were putting them into stacks with thirty-nine cartons in each stack. How many full stacks could they make?
- 2) Adam wanted to give each of his thirteen friends an equal amount of candy. At the store he bought one hundred seventy-one pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 3) A restaurant needs to buy five hundred forty-seven new plates. If each box has ten plates in it, how many boxes will they need to buy?
- 4) A movie theater needed seven hundred twenty-three popcorn buckets. If each package has thirty-eight buckets in it, how many packages will they need to buy?
- 5) The roller coaster at the state fair costs sixteen tickets per ride. If you had three hundred ninety-four tickets, how many tickets would you have left if you rode it as many times as you could?
- 6) A baker had forty-three boxes for donuts. He ended up making four hundred thirty-two donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) John had seven hundred fifty-seven baseball cards he's putting into a binder with twenty-seven on each page. How many cards will he have on the page that isn't full?
- 8) A librarian had to pack nine hundred forty-one books into boxes. If each box can hold twenty-seven books, how many boxes did she need?
- 9) It takes thirty-nine apples to make an apple pie. If a chef bought nine hundred seventy-one apples, the last pie would need how many more apples?
- 10) Dave's dad bought eight hundred eighty-one meters of string. If he wanted to cut the string into pieces with each piece being forty-five meters long, how many full sized pieces could he make?

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Solve each problem.

		<u>Answers</u>
1) A cafeteria was putting milk cartons into stacks. They had five hundred forty-one cartons and were putting them into stacks with thirty-nine cartons in each stack. How many full stacks could they make?	$541 \div 39 = 13 \text{ r}34$	1. <u>13</u>
2) Adam wanted to give each of his thirteen friends an equal amount of candy. At the store he bought one hundred seventy-one pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$171 \div 13 = 13 \text{ r}2$	2. <u>11</u> 3. <u>55</u>
3) A restaurant needs to buy five hundred forty-seven new plates. If each box has ten plates in it, how many boxes will they need to buy?	$547 \div 10 = 54 \text{ r}7$	4. <u>20</u> 5. <u>10</u>
4) A movie theater needed seven hundred twenty-three popcorn buckets. If each package has thirty-eight buckets in it, how many packages will they need to buy?	$723 \div 38 = 19 \text{ r}1$	6. <u>2</u> 7. <u>1</u>
5) The roller coaster at the state fair costs sixteen tickets per ride. If you had three hundred ninety-four tickets, how many tickets would you have left if you rode it as many times as you could?	$394 \div 16 = 24 \text{ r}10$	8. <u>35</u> 9. <u>4</u>
6) A baker had forty-three boxes for donuts. He ended up making four hundred thirty-two donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$432 \div 43 = 10 \text{ r}2$	10. <u>19</u>
7) John had seven hundred fifty-seven baseball cards he's putting into a binder with twenty-seven on each page. How many cards will he have on the page that isn't full?	$757 \div 27 = 28 \text{ r}1$	
8) A librarian had to pack nine hundred forty-one books into boxes. If each box can hold twenty-seven books, how many boxes did she need?	$941 \div 27 = 34 \text{ r}23$	
9) It takes thirty-nine apples to make an apple pie. If a chef bought nine hundred seventy-one apples, the last pie would need how many more apples?	$971 \div 39 = 24 \text{ r}35$	
10) Dave's dad bought eight hundred eighty-one meters of string. If he wanted to cut the string into pieces with each piece being forty-five meters long, how many full sized pieces could he make?	$881 \div 45 = 19 \text{ r}26$	



Solve each problem.

19	1	13	11	55
35	2	10	4	20

Answers

- 1) A cafeteria was putting milk cartons into stacks. They had 541 cartons and were putting them into stacks with 39 cartons in each stack. How many full stacks could they make?
- 2) Adam wanted to give each of his 13 friends an equal amount of candy. At the store he bought 171 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 3) A restaurant needs to buy 547 new plates. If each box has 10 plates in it, how many boxes will they need to buy?
- 4) A movie theater needed 723 popcorn buckets. If each package has 38 buckets in it, how many packages will they need to buy?
- 5) The roller coaster at the state fair costs 16 tickets per ride. If you had 394 tickets, how many tickets would you have left if you rode it as many times as you could?
- 6) A baker had 43 boxes for donuts. He ended up making 432 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) John had 757 baseball cards he's putting into a binder with 27 on each page. How many cards will he have on the page that isn't full?
- 8) A librarian had to pack 941 books into boxes. If each box can hold 27 books, how many boxes did she need?
- 9) It takes 39 apples to make an apple pie. If a chef bought 971 apples, the last pie would need how many more apples?
- 10) Dave's dad bought 881 meters of string. If he wanted to cut the string into pieces with each piece being 45 meters long, how many full sized pieces could he make?

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