

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

- 1) A recycling company had four hundred seventeen pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-four pounds, how many full boxes did they have?
- 2) A box of computer paper has four hundred seventy sheets left in it. If each printer in a computer lab needed eighteen sheets how many printers would the box fill up?
- 3) A movie store had five hundred seventy-two movies they were putting on twenty-three shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 4) A machine in a candy company creates eight hundred seventy-five pieces of candy a minute. If a small box of candy has nineteen pieces in it how many full boxes does the machine make in a minute?
- 5) There are nine hundred thirty-seven people attending a luncheon. If a table can hold thirteen people, how many tables do they need?
- 6) Sam wanted to give each of his twenty-five friends an equal amount of candy. At the store he bought five hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 7) A restaurant needs to buy three hundred seventy-eight new plates. If each box has forty-nine plates in it, how many boxes will they need to buy?
- 8) A botanist picked nine hundred seventy-four flowers. She wanted to put them into forty-five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 9) The roller coaster at the state fair costs thirty-three tickets per ride. If you had four hundred twenty tickets, how many tickets would you have left if you rode it as many times as you could?
- 10) There are five hundred twenty-nine students going to a trivia competition. If each school van can hold forty-six students, how many vans will they need?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

1) A recycling company had four hundred seventeen pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-four pounds, how many full boxes did they have?	$417\div 34 = 12 \text{ r}9$	1. <u>12</u>
2) A box of computer paper has four hundred seventy sheets left in it. If each printer in a computer lab needed eighteen sheets how many printers would the box fill up?	$470\div 18 = 26 \text{ r}2$	2. <u>26</u>
3) A movie store had five hundred seventy-two movies they were putting on twenty-three shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$572\div 23 = 24 \text{ r}20$	3. <u>3</u>
4) A machine in a candy company creates eight hundred seventy-five pieces of candy a minute. If a small box of candy has nineteen pieces in it how many full boxes does the machine make in a minute?	$875\div 19 = 46 \text{ r}1$	4. <u>46</u>
5) There are nine hundred thirty-seven people attending a luncheon. If a table can hold thirteen people, how many tables do they need?	$937\div 13 = 72 \text{ r}1$	5. <u>73</u>
6) Sam wanted to give each of his twenty-five friends an equal amount of candy. At the store he bought five hundred ninety-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$599\div 25 = 23 \text{ r}24$	6. <u>1</u>
7) A restaurant needs to buy three hundred seventy-eight new plates. If each box has forty-nine plates in it, how many boxes will they need to buy?	$378\div 49 = 7 \text{ r}35$	7. <u>8</u>
8) A botanist picked nine hundred seventy-four flowers. She wanted to put them into forty-five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$974\div 45 = 21 \text{ r}29$	8. <u>16</u>
9) The roller coaster at the state fair costs thirty-three tickets per ride. If you had four hundred twenty tickets, how many tickets would you have left if you rode it as many times as you could?	$420\div 33 = 12 \text{ r}24$	9. <u>24</u>
10) There are five hundred twenty-nine students going to a trivia competition. If each school van can hold forty-six students, how many vans will they need?	$529\div 46 = 11 \text{ r}23$	10. <u>12</u>



Solve each problem.

Answers

16

24

46

73

1

3

8

26

12

12

- 1) A recycling company had 417 pounds of material to sort. To make it easier they split them into boxes with each full box having 34 pounds, how many full boxes did they have?

1. _____

- 2) A box of computer paper has 470 sheets left in it. If each printer in a computer lab needed 18 sheets how many printers would the box fill up?

2. _____

- 3) A movie store had 572 movies they were putting on 23 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

3. _____

- 4) A machine in a candy company creates 875 pieces of candy a minute. If a small box of candy has 19 pieces in it how many full boxes does the machine make in a minute?

4. _____

- 5) There are 937 people attending a luncheon. If a table can hold 13 people, how many tables do they need?

5. _____

- 6) Sam wanted to give each of his 25 friends an equal amount of candy. At the store he bought 599 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

6. _____

- 7) A restaurant needs to buy 378 new plates. If each box has 49 plates in it, how many boxes will they need to buy?

7. _____

- 8) A botanist picked 974 flowers. She wanted to put them into 45 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

8. _____

- 9) The roller coaster at the state fair costs 33 tickets per ride. If you had 420 tickets, how many tickets would you have left if you rode it as many times as you could?

9. _____

- 10) There are 529 students going to a trivia competition. If each school van can hold 46 students, how many vans will they need?

10. _____