

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

- 1) A flash drive could hold twenty-one gigs of data. If you needed to store eight hundred twenty-six gigs, how many flash drive would you need?
- 2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 3) A truck can hold thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make?
- 4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day?
- 6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) A librarian had to pack four hundred eighty-six books into boxes. If each box can hold forty-six books, how many boxes did she need?
- 8) It takes eighteen apples to make an apple pie. If a chef bought two hundred three apples, the last pie would need how many more apples?
- 9) Ned's dad bought nine hundred eighty-four meters of string. If he wanted to cut the string into pieces with each piece being seventeen meters long, how many full sized pieces could he make?
- 10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

1. _____
2. _____
3. _____
4. _____
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9. _____
10. _____

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|---|--------------------------------|---------------|
| 1) A flash drive could hold twenty-one gigs of data. If you needed to store eight hundred twenty-six gigs, how many flash drive would you need? | $826 \div 21 = 39 \text{ r}7$ | 1. <u>40</u> |
| 2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal? | $716 \div 12 = 59 \text{ r}8$ | 2. <u>4</u> |
| 3) A truck can hold thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make? | $742 \div 34 = 21 \text{ r}28$ | 3. <u>22</u> |
| 4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could? | $582 \div 28 = 20 \text{ r}22$ | 4. <u>22</u> |
| 5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day? | $846 \div 17 = 49 \text{ r}13$ | 5. <u>49</u> |
| 6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? | $357 \div 41 = 8 \text{ r}29$ | 6. <u>29</u> |
| 7) A librarian had to pack four hundred eighty-six books into boxes. If each box can hold forty-six books, how many boxes did she need? | $486 \div 46 = 10 \text{ r}26$ | 7. <u>11</u> |
| 8) It takes eighteen apples to make an apple pie. If a chef bought two hundred three apples, the last pie would need how many more apples? | $203 \div 18 = 11 \text{ r}5$ | 8. <u>13</u> |
| 9) Ned's dad bought nine hundred eighty-four meters of string. If he wanted to cut the string into pieces with each piece being seventeen meters long, how many full sized pieces could he make? | $984 \div 17 = 57 \text{ r}15$ | 9. <u>57</u> |
| 10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? | $449 \div 29 = 15 \text{ r}14$ | 10. <u>15</u> |