

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

- 1) Maria had six hundred seventeen photos to put into a photo album. If each page holds three photos, how many full pages will she have?
- 2) A builder needed to buy four hundred nineteen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?
- 3) John wanted to give each of his seven friends an equal amount of candy. At the store he bought six hundred eighty-seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 4) There are eight hundred twenty-seven people attending a luncheon. If a table can hold eight people, how many tables do they need?
- 5) A botanist picked five hundred seventy-five flowers. She wanted to put them into nine bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 6) Henry's dad bought five hundred sixteen meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?
- 7) Debby is making bead necklaces. She wants to use two hundred thirty-one beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 8) Oliver had one hundred twenty-nine pieces of candy. If he wants to split the candy into eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 9) A new video game console needs five computer chips. If a machine can create three hundred thirty-one computer chips a day, how many video game consoles can be created in a day?
- 10) The roller coaster at the state fair costs three tickets per ride. If you had four hundred fifty-eight tickets, how many tickets would you have left if you rode it as many times as you could?

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Solve each problem.

		<u>Answers</u>
1) Maria had six hundred seventeen photos to put into a photo album. If each page holds three photos, how many full pages will she have?	$617 \div 3 = 205 \text{ r}2$	1. <u>205</u>
2) A builder needed to buy four hundred nineteen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?	$419 \div 2 = 209 \text{ r}1$	2. <u>210</u> 3. <u>6</u>
3) John wanted to give each of his seven friends an equal amount of candy. At the store he bought six hundred eighty-seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$687 \div 7 = 98 \text{ r}1$	4. <u>104</u> 5. <u>1</u>
4) There are eight hundred twenty-seven people attending a luncheon. If a table can hold eight people, how many tables do they need?	$827 \div 8 = 103 \text{ r}3$	6. <u>64</u> 7. <u>1</u>
5) A botanist picked five hundred seventy-five flowers. She wanted to put them into nine bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$575 \div 9 = 63 \text{ r}8$	8. <u>7</u> 9. <u>66</u>
6) Henry's dad bought five hundred sixteen meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?	$516 \div 8 = 64 \text{ r}4$	10. <u>2</u>
7) Debby is making bead necklaces. She wants to use two hundred thirty-one beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$231 \div 2 = 115 \text{ r}1$	
8) Oliver had one hundred twenty-nine pieces of candy. If he wants to split the candy into eight bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	$129 \div 8 = 16 \text{ r}1$	
9) A new video game console needs five computer chips. If a machine can create three hundred thirty-one computer chips a day, how many video game consoles can be created in a day?	$331 \div 5 = 66 \text{ r}1$	
10) The roller coaster at the state fair costs three tickets per ride. If you had four hundred fifty-eight tickets, how many tickets would you have left if you rode it as many times as you could?	$458 \div 3 = 152 \text{ r}2$	



Solve each problem.

7	6	104	210	2
205	1	66	1	64

Answers

- 1) Maria had 617 photos to put into a photo album. If each page holds 3 photos, how many full pages will she have?
- 2) A builder needed to buy 419 boards for his latest project. If the boards he needs come in packs of 2, how many packages will he need to buy?
- 3) John wanted to give each of his 7 friends an equal amount of candy. At the store he bought 687 pieces total to give to them. How many more pieces should he have bought so he didn't have any extra?
- 4) There are 827 people attending a luncheon. If a table can hold 8 people, how many tables do they need?
- 5) A botanist picked 575 flowers. She wanted to put them into 9 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 6) Henry's dad bought 516 meters of string. If he wanted to cut the string into pieces with each piece being 8 meters long, how many full sized pieces could he make?
- 7) Debby is making bead necklaces. She wants to use 231 beads to make 2 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 8) Oliver had 129 pieces of candy. If he wants to split the candy into 8 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 9) A new video game console needs 5 computer chips. If a machine can create 331 computer chips a day, how many video game consoles can be created in a day?
- 10) The roller coaster at the state fair costs 3 tickets per ride. If you had 458 tickets, how many tickets would you have left if you rode it as many times as you could?

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