

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

- 1) An airline has three hundred nineteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?
- 2) A box can hold nine brownies. If a baker made six hundred nineteen brownies, how many full boxes of brownies did he make?
- 3) A librarian had to pack one hundred sixty-one books into boxes. If each box can hold six books, how many boxes did she need?
- 4) An industrial machine can make two hundred ninety-seven crayons a day. If each box of crayons has eight crayons in it, how many full boxes does the machine make a day?
- 5) It takes three grams of plastic to make a ruler. If a company had nine hundred fifty grams of plastic, how many entire rulers could they make?
- 6) The roller coaster at the state fair costs three tickets per ride. If you had six hundred forty tickets, how many tickets would you have left if you rode it as many times as you could?
- 7) A grocery store needed seven hundred seventy-three cans of peas. If the peas come in boxes with four cans in each box, how many boxes would they need to order?
- 8) A movie store had eight hundred thirty-eight movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 9) At the carnival, seven friends bought three hundred eighty-eight 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?
- 10) Katie had two hundred eleven pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

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Solve each problem.

			<u>Answers</u>
1) An airline has three hundred nineteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?	$319\div 2 = 159 \text{ r}1$	1.	1
2) A box can hold nine brownies. If a baker made six hundred nineteen brownies, how many full boxes of brownies did he make?	$619\div 9 = 68 \text{ r}7$	2.	68
3) A librarian had to pack one hundred sixty-one books into boxes. If each box can hold six books, how many boxes did she need?	$161\div 6 = 26 \text{ r}5$	3.	27
4) An industrial machine can make two hundred ninety-seven crayons a day. If each box of crayons has eight crayons in it, how many full boxes does the machine make a day?	$297\div 8 = 37 \text{ r}1$	4.	37
5) It takes three grams of plastic to make a ruler. If a company had nine hundred fifty grams of plastic, how many entire rulers could they make?	$950\div 3 = 316 \text{ r}2$	5.	316
6) The roller coaster at the state fair costs three tickets per ride. If you had six hundred forty tickets, how many tickets would you have left if you rode it as many times as you could?	$640\div 3 = 213 \text{ r}1$	6.	1
7) A grocery store needed seven hundred seventy-three cans of peas. If the peas come in boxes with four cans in each box, how many boxes would they need to order?	$773\div 4 = 193 \text{ r}1$	7.	194
8) A movie store had eight hundred thirty-eight movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$838\div 5 = 167 \text{ r}3$	8.	2
9) At the carnival, seven friends bought three hundred eighty-eight 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?	$388\div 7 = 55 \text{ r}3$	9.	4
10) Katie had two hundred eleven pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$211\div 9 = 23 \text{ r}4$	10.	5



Solve each problem.

Answers

2	316	4	68	5
37	27	1	1	194

- 1) An airline has 319 pieces of luggage to put away. If each luggage compartment will hold 2 pieces of luggage, how many will be in the compartment that isn't full?
- 2) A box can hold 9 brownies. If a baker made 619 brownies, how many full boxes of brownies did he make?
- 3) A librarian had to pack 161 books into boxes. If each box can hold 6 books, how many boxes did she need?
- 4) An industrial machine can make 297 crayons a day. If each box of crayons has 8 crayons in it, how many full boxes does the machine make a day?
- 5) It takes 3 grams of plastic to make a ruler. If a company had 950 grams of plastic, how many entire rulers could they make?
- 6) The roller coaster at the state fair costs 3 tickets per ride. If you had 640 tickets, how many tickets would you have left if you rode it as many times as you could?
- 7) A grocery store needed 773 cans of peas. If the peas come in boxes with 4 cans in each box, how many boxes would they need to order?
- 8) A movie store had 838 movies they were putting on 5 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 9) At the carnival, 7 friends bought 388 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?
- 10) Katie had 211 pennies. She wanted to place the pennies into 9 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

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