

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

- 1) Edward had six hundred ninety-eight 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 so that each bag had the same amount?
- 2) Ned had nine hundred twenty-eight marbles he's putting into bags with five in each bag. How many marbles will he have in the bag that isn't full?
- 3) A machine in a candy company creates six hundred twenty-three pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?
- 4) There are eight hundred forty-nine students going to a trivia competition. If each school bus can hold four students, how many buses will they need?
- 5) A clown needed two hundred seventeen balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would he need to buy?
- 6) A coat factory had two hundred one coats. If they wanted to put them into six boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 7) A school had one hundred fifty-three students sign up for the trivia teams. If they wanted to have seven team, with the same number of students on each team, how many more students would need to sign up?
- 8) Paige received six hundred fifty-four dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?
- 9) Sarah wanted to drink exactly four bottles of water each day, so she bought seven hundred twenty-seven bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 10) A cafeteria was putting milk cartons into stacks. They had nine hundred five cartons and were putting them into stacks with three cartons in each sack. How many full stacks could they make?

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**Solve each problem.**

			Answers
1) Edward had six hundred ninety-eight 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 so that each bag had the same amount?	$698 \div 8 = 87 \text{ r}2$	1.	6
2) Ned had nine hundred twenty-eight marbles he's putting into bags with five in each bag. How many marbles will he have in the bag that isn't full?	$928 \div 5 = 185 \text{ r}3$	2.	3
3) A machine in a candy company creates six hundred twenty-three pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?	$623 \div 6 = 103 \text{ r}5$	3.	103
4) There are eight hundred forty-nine students going to a trivia competition. If each school bus can hold four students, how many buses will they need?	$849 \div 4 = 212 \text{ r}1$	4.	213
5) A clown needed two hundred seventeen balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would he need to buy?	$217 \div 4 = 54 \text{ r}1$	5.	55
6) A coat factory had two hundred one coats. If they wanted to put them into six boxes, with the same number of coats in each box, how many extra coats would they have left over?	$201 \div 6 = 33 \text{ r}3$	6.	3
7) A school had one hundred fifty-three students sign up for the trivia teams. If they wanted to have seven team, with the same number of students on each team, how many more students would need to sign up?	$153 \div 7 = 21 \text{ r}6$	7.	1
8) Paige received six hundred fifty-four dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?	$654 \div 4 = 163 \text{ r}2$	8.	2
9) Sarah wanted to drink exactly four bottles of water each day, so she bought seven hundred twenty-seven bottles when they were on sale. How many more bottles will she need to buy on the last day?	$727 \div 4 = 181 \text{ r}3$	9.	1
10) A cafeteria was putting milk cartons into stacks. They had nine hundred five cartons and were putting them into stacks with three cartons in each sack. How many full stacks could they make?	$905 \div 3 = 301 \text{ r}2$	10.	301

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

6	1	55	301	103
2	3	213	1	3

- 1) Edward had 698 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 so that each bag had the same amount?
- 2) Ned had 928 marbles he's putting into bags with 5 in each bag. How many marbles will he have in the bag that isn't full?
- 3) A machine in a candy company creates 623 pieces of candy a minute. If a small box of candy has 6 pieces in it how many full boxes does the machine make in a minute?
- 4) There are 849 students going to a trivia competition. If each school bus can hold 4 students, how many buses will they need?
- 5) A clown needed 217 balloons for a party he was going to, but the balloons only came in packs of 4. How many packs of balloons would he need to buy?
- 6) A coat factory had 201 coats. If they wanted to put them into 6 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 7) A school had 153 students sign up for the trivia teams. If they wanted to have 7 team, with the same number of students on each team, how many more students would need to sign up?
- 8) Paige received 654 dollars for her birthday. Later she found some toys that cost 4 dollars each. How much money would she have left if she bought as many as she could?
- 9) Sarah wanted to drink exactly 4 bottles of water each day, so she bought 727 bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 10) A cafeteria was putting milk cartons into stacks. They had 905 cartons and were putting them into stacks with 3 cartons in each sack. How many full stacks could they make?

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