

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

- 1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?
- 2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?
- 4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?
- 5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 6) Amy had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 7) Mike had one hundred twelve pieces of candy. If he wants to split the candy into three 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?
- 8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?
- 9) Sarah received one hundred forty-two 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?
- 10) Ned has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

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Solve each problem.

		<u>Answers</u>
1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?	$694 \div 3 = 231 \text{ r}1$	1. <u>231</u>
2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$574 \div 4 = 143 \text{ r}2$	2. <u>2</u> 3. <u>302</u>
3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?	$605 \div 2 = 302 \text{ r}1$	4. <u>1</u> 5. <u>3</u> 6. <u>159</u>
4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?	$279 \div 4 = 69 \text{ r}3$	7. <u>2</u> 8. <u>116</u>
5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?	$858 \div 9 = 95 \text{ r}3$	9. <u>2</u> 10. <u>124</u>
6) Amy had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?	$959 \div 6 = 159 \text{ r}5$	
7) Mike had one hundred twelve pieces of candy. If he wants to split the candy into three 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?	$112 \div 3 = 37 \text{ r}1$	
8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?	$691 \div 6 = 115 \text{ r}1$	
9) Sarah received one hundred forty-two 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?	$142 \div 4 = 35 \text{ r}2$	
10) Ned has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?	$247 \div 2 = 123 \text{ r}1$	



Solve each problem.

1	2	231	124	2
116	3	2	302	159

Answers

- 1) It takes 3 grams of plastic to make a ruler. If a company had 694 grams of plastic, how many entire rulers could they make?

- 2) Olivia is making bead necklaces. She wants to use 574 beads to make 4 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

- 3) A new video game console needs 2 computer chips. If a machine can create 605 computer chips a day, how many video game consoles can be created in a day?

- 4) A school had 279 students sign up for the trivia teams. If they wanted to have 4 team, with the same number of students on each team, how many more students would need to sign up?

- 5) A coat factory had 858 coats. If they wanted to put them into 9 boxes, with the same number of coats in each box, how many extra coats would they have left over?

- 6) Amy had 959 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?

- 7) Mike had 112 pieces of candy. If he wants to split the candy into 3 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?

- 8) There are 691 students going to a trivia competition. If each school van can hold 6 students, how many vans will they need?

- 9) Sarah received 142 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?

- 10) Ned has to sell 247 chocolate bars to win a trip. If each box contains 2 chocolate bars, how many boxes will he need to sell to win the trip?

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