

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

- 1) A machine in a candy company creates five hundred seventy-eight pieces of candy a minute. If a small box of candy has thirty-seven pieces in it how many full boxes does the machine make in a minute?
- 2) Edward has to sell three hundred ninety-seven chocolate bars to win a trip. If each box contains forty-two chocolate bars, how many boxes will he need to sell to win the trip?
- 3) A vase can hold thirty-eight flowers. If a florist had two hundred eighty-four flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 4) Janet had eight hundred seventy-two pennies. She wanted to place the pennies into twenty-one stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 5) A movie theater needed two hundred forty-six popcorn buckets. If each package has thirty-six buckets in it, how many packages will they need to buy?
- 6) Maria had six hundred forty-six songs on her mp3 player. If she wanted to put the songs equally into twenty-nine different playlists, how many songs would she have left over?
- 7) A builder needed to buy four hundred ninety-five boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy?
- 8) A container can hold forty-seven orange slices. If a company had eight hundred four orange slices to put into containers, how many more slices would they need to fill up the last container?
- 9) Olivia received eight hundred fourteen dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could?
- 10) It takes nineteen grams of plastic to make a ruler. If a company had seven hundred five grams of plastic, how many entire rulers could they make?

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**Solve each problem.**

- 1) A machine in a candy company creates five hundred seventy-eight pieces of candy a minute. If a small box of candy has thirty-seven pieces in it how many full boxes does the machine make in a minute?
 $578\div 37 = 15 \text{ r}23$
- 2) Edward has to sell three hundred ninety-seven chocolate bars to win a trip. If each box contains forty-two chocolate bars, how many boxes will he need to sell to win the trip?
 $397\div 42 = 9 \text{ r}19$
- 3) A vase can hold thirty-eight flowers. If a florist had two hundred eighty-four flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
 $284\div 38 = 7 \text{ r}18$
- 4) Janet had eight hundred seventy-two pennies. She wanted to place the pennies into twenty-one stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
 $872\div 21 = 41 \text{ r}11$
- 5) A movie theater needed two hundred forty-six popcorn buckets. If each package has thirty-six buckets in it, how many packages will they need to buy?
 $246\div 36 = 6 \text{ r}30$
- 6) Maria had six hundred forty-six songs on her mp3 player. If she wanted to put the songs equally into twenty-nine different playlists, how many songs would she have left over?
 $646\div 29 = 22 \text{ r}8$
- 7) A builder needed to buy four hundred ninety-five boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy?
 $495\div 49 = 10 \text{ r}5$
- 8) A container can hold forty-seven orange slices. If a company had eight hundred four orange slices to put into containers, how many more slices would they need to fill up the last container?
 $804\div 47 = 17 \text{ r}5$
- 9) Olivia received eight hundred fourteen dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could?
 $814\div 39 = 20 \text{ r}34$
- 10) It takes nineteen grams of plastic to make a ruler. If a company had seven hundred five grams of plastic, how many entire rulers could they make?
 $705\div 19 = 37 \text{ r}2$

Answers

1. **15**
2. **10**
3. **18**
4. **10**
5. **7**
6. **8**
7. **11**
8. **42**
9. **34**
10. **37**



Solve each problem.

Answers

42	34	10	11	8
37	15	10	18	7

- 1) A machine in a candy company creates 578 pieces of candy a minute. If a small box of candy has 37 pieces in it how many full boxes does the machine make in a minute?
- 2) Edward has to sell 397 chocolate bars to win a trip. If each box contains 42 chocolate bars, how many boxes will he need to sell to win the trip?
- 3) A vase can hold 38 flowers. If a florist had 284 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 4) Janet had 872 pennies. She wanted to place the pennies into 21 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 5) A movie theater needed 246 popcorn buckets. If each package has 36 buckets in it, how many packages will they need to buy?
- 6) Maria had 646 songs on her mp3 player. If she wanted to put the songs equally into 29 different playlists, how many songs would she have left over?
- 7) A builder needed to buy 495 boards for his latest project. If the boards he needs come in packs of 49, how many packages will he need to buy?
- 8) A container can hold 47 orange slices. If a company had 804 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 9) Olivia received 814 dollars for her birthday. Later she found some toys that cost 39 dollars each. How much money would she have left if she bought as many as she could?
- 10) It takes 19 grams of plastic to make a ruler. If a company had 705 grams of plastic, how many entire rulers could they make?

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