



Solve each problem.

- 1) A vase can hold forty-eight flowers. If a florist had nine hundred eighty-one flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 2) Henry had eight hundred sixty-three marbles he's putting into bags with thirty in each bag. How many marbles will he have in the bag that isn't full?
- 3) Ned wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought one hundred ninety-nine pieces total to give to them. How many more pieces should he have bought so he didn't have any extra?
- 4) A machine in a candy company creates eight hundred sixty-one pieces of candy a minute. If a small box of candy has twenty-two pieces in it how many full boxes does the machine make in a minute?
- 5) Billy is trying to earn four hundred eighty dollars for some new video games. If he charges forty-three dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 6) Each house a carpenter builds needs twenty electric sockets. If he bought two hundred nine sockets, how many houses would that cover?
- 7) A flash drive could hold thirty-eight gigs of data. If you needed to store two hundred one gigs, how many flash drive would you need?
- 8) Lana is making bead necklaces. She wants to use three hundred twenty-three beads to make thirty-eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 9) Haley wanted to drink exactly twenty-one bottles of water each day, so she bought three hundred forty-one bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 10) Paige had saved up six hundred seventy-nine quarters and decided to spend them on sodas. If it costs nineteen quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

**Answers**

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Solve each problem.

1) A vase can hold forty-eight flowers. If a florist had nine hundred eighty-one flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?  
 $981 \div 48 = 20 \text{ r}21$

2) Henry had eight hundred sixty-three marbles he's putting into bags with thirty in each bag. How many marbles will he have in the bag that isn't full?  
 $863 \div 30 = 28 \text{ r}23$

3) Ned wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought one hundred ninety-nine pieces total to give to them. How many more pieces should he have bought so he didn't have any extra?  
 $199 \div 29 = 6 \text{ r}25$

4) A machine in a candy company creates eight hundred sixty-one pieces of candy a minute. If a small box of candy has twenty-two pieces in it how many full boxes does the machine make in a minute?  
 $861 \div 22 = 39 \text{ r}3$

5) Billy is trying to earn four hundred eighty dollars for some new video games. If he charges forty-three dollars to mow a lawn, how many lawns will he need to mow to earn the money?  
 $480 \div 43 = 11 \text{ r}7$

6) Each house a carpenter builds needs twenty electric sockets. If he bought two hundred nine sockets, how many houses would that cover?  
 $209 \div 20 = 10 \text{ r}9$

7) A flash drive could hold thirty-eight gigs of data. If you needed to store two hundred one gigs, how many flash drives would you need?  
 $201 \div 38 = 5 \text{ r}11$

8) Lana is making bead necklaces. She wants to use three hundred twenty-three beads to make thirty-eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?  
 $323 \div 38 = 8 \text{ r}19$

9) Haley wanted to drink exactly twenty-one bottles of water each day, so she bought three hundred forty-one bottles when they were on sale. How many more bottles will she need to buy on the last day?  
 $341 \div 21 = 16 \text{ r}5$

10) Paige had saved up six hundred seventy-nine quarters and decided to spend them on sodas. If it costs nineteen quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?  
 $679 \div 19 = 35 \text{ r}14$

**Answers**

1. **21**

2. **23**

3. **4**

4. **39**

5. **12**

6. **10**

7. **6**

8. **19**

9. **16**

10. **5**



## Division Word Problems (3÷2) w/ Remainder

Name: \_\_\_\_\_

Solve each problem.

12  
4

5  
16

23  
21

39  
10

19  
6

## Answers

- 1) A vase can hold 48 flowers. If a florist had 981 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 2) Henry had 863 marbles he's putting into bags with 30 in each bag. How many marbles will he have in the bag that isn't full?
- 3) Ned wanted to give each of his 29 friends an equal amount of candy. At the store he bought 199 pieces total to give to them. How many more pieces should he have bought so he didn't have any extra?
- 4) A machine in a candy company creates 861 pieces of candy a minute. If a small box of candy has 22 pieces in it how many full boxes does the machine make in a minute?
- 5) Billy is trying to earn 480 dollars for some new video games. If he charges 43 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 6) Each house a carpenter builds needs 20 electric sockets. If he bought 209 sockets, how many houses would that cover?
- 7) A flash drive could hold 38 gigs of data. If you needed to store 201 gigs, how many flash drive would you need?
- 8) Lana is making bead necklaces. She wants to use 323 beads to make 38 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 9) Haley wanted to drink exactly 21 bottles of water each day, so she bought 341 bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 10) Paige had saved up 679 quarters and decided to spend them on sodas. If it costs 19 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

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