

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

- 1) A coat factory had eight hundred twenty-seven coats. If they wanted to put them into forty-three boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 2) A box of cupcakes cost \$eleven. If you had two hundred three dollars and bought as many boxes as you could, how much money would you have left?
- 3) A recycling company had four hundred fifty-one pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-two pounds, how many full boxes did they have?
- 4) Luke wanted to give each of his twenty friends an equal amount of candy. At the store he bought eight hundred eighteen pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 5) An airline has eight hundred twenty-nine pieces of luggage to put away. If each luggage compartment will hold forty-three pieces of luggage, how many will be in the compartment that isn't full?
- 6) A botanist picked five hundred ninety-one flowers. She wanted to put them into thirty-three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 7) Henry is trying to earn one hundred sixty-four dollars for some new toys. If he charges twenty-two dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 8) A librarian had to pack one hundred ninety-nine books into boxes. If each box can hold forty-eight books, how many boxes did she need?
- 9) A movie theater needed nine hundred thirty-eight popcorn buckets. If each package has forty-eight buckets in it, how many packages will they need to buy?
- 10) A school had eight hundred fifty-five students sign up for the trivia teams. If they wanted to have forty-seven team, with the same number of students on each team, how many more students would need to sign up?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

**Solve each problem.**

- 1) A coat factory had eight hundred twenty-seven coats. If they wanted to put them into forty-three boxes, with the same number of coats in each box, how many extra coats would they have left over?
 $827\div 43 = 19 \text{ r}10$
- 2) A box of cupcakes cost \$eleven. If you had two hundred three dollars and bought as many boxes as you could, how much money would you have left?
 $203\div 11 = 18 \text{ r}5$
- 3) A recycling company had four hundred fifty-one pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-two pounds, how many full boxes did they have?
 $451\div 32 = 14 \text{ r}3$
- 4) Luke wanted to give each of his twenty friends an equal amount of candy. At the store he bought eight hundred eighteen pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
 $818\div 20 = 40 \text{ r}18$
- 5) An airline has eight hundred twenty-nine pieces of luggage to put away. If each luggage compartment will hold forty-three pieces of luggage, how many will be in the compartment that isn't full?
 $829\div 43 = 19 \text{ r}12$
- 6) A botanist picked five hundred ninety-one flowers. She wanted to put them into thirty-three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
 $591\div 33 = 17 \text{ r}30$
- 7) Henry is trying to earn one hundred sixty-four dollars for some new toys. If he charges twenty-two dollars to mow a lawn, how many lawns will he need to mow to earn the money?
 $164\div 22 = 7 \text{ r}10$
- 8) A librarian had to pack one hundred ninety-nine books into boxes. If each box can hold forty-eight books, how many boxes did she need?
 $199\div 48 = 4 \text{ r}7$
- 9) A movie theater needed nine hundred thirty-eight popcorn buckets. If each package has forty-eight buckets in it, how many packages will they need to buy?
 $938\div 48 = 19 \text{ r}26$
- 10) A school had eight hundred fifty-five students sign up for the trivia teams. If they wanted to have forty-seven team, with the same number of students on each team, how many more students would need to sign up?
 $855\div 47 = 18 \text{ r}9$

Answers

1. **10**
2. **5**
3. **14**
4. **2**
5. **12**
6. **3**
7. **8**
8. **5**
9. **20**
10. **38**



Solve each problem.

Answers

5	12	38	10	14
8	5	2	3	20

- 1) A coat factory had 827 coats. If they wanted to put them into 43 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 2) A box of cupcakes cost \$11. If you had 203 dollars and bought as many boxes as you could, how much money would you have left?
- 3) A recycling company had 451 pounds of material to sort. To make it easier they split them into boxes with each full box having 32 pounds, how many full boxes did they have?
- 4) Luke wanted to give each of his 20 friends an equal amount of candy. At the store he bought 818 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 5) An airline has 829 pieces of luggage to put away. If each luggage compartment will hold 43 pieces of luggage, how many will be in the compartment that isn't full?
- 6) A botanist picked 591 flowers. She wanted to put them into 33 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 7) Henry is trying to earn 164 dollars for some new toys. If he charges 22 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 8) A librarian had to pack 199 books into boxes. If each box can hold 48 books, how many boxes did she need?
- 9) A movie theater needed 938 popcorn buckets. If each package has 48 buckets in it, how many packages will they need to buy?
- 10) A school had 855 students sign up for the trivia teams. If they wanted to have 47 team, with the same number of students on each team, how many more students would need to sign up?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____