

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

- 1) Tickets for a concert cost forty each. If you had seven hundred forty dollars, how much money would you have left if you bought as many tickets as you could afford?
- 2) A food company has seven hundred fifty-eight kilograms of food to put into boxes. If each box gets exactly forty-five kilograms, how many full boxes will they have?
- 3) A recycling company had nine hundred seventy-six pounds of material to sort. To make it easier they split them into boxes with each full box having forty pounds, how many full boxes did they have?
- 4) A container can hold thirty-eight orange slices. If a company had two hundred sixty-two orange slices to put into containers, how many more slices would they need to fill up the last container?
- 5) A movie store had five hundred seventy-five movies they were putting on fourteen shelves. If the owner wanted to make sure each shelf had the same number of movies without any extra, how many more movies would he need?
- 6) An airline has seven hundred seventy-five pieces of luggage to put away. If each luggage compartment will hold twenty-two pieces of luggage, how many will be in the compartment that isn't full?
- 7) A school had nine hundred thirty-eight students sign up for the trivia teams. If they wanted to have twenty-six team, with the same number of students on each team, how many more students would need to sign up?
- 8) Debby is making bead necklaces. She wants to use five hundred fifty-two beads to make forty-one necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 9) A restaurant needs to buy eight hundred thirty-seven new plates. If each box has forty-nine plates in it, how many boxes will they need to buy?
- 10) Edward's dad bought six hundred sixty-seven centimeters of string. If he wanted to cut the string into pieces with each piece being thirty-seven centimeters long, how many full sized pieces could he make?

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- 1) Tickets for a concert cost forty each. If you had seven hundred forty dollars, how much money would you have left if you bought as many tickets as you could afford?  $740 \div 40 = 18 \text{ r}20$
- 2) A food company has seven hundred fifty-eight kilograms of food to put into boxes. If each box gets exactly forty-five kilograms, how many full boxes will they have?  $758 \div 45 = 16 \text{ r}38$
- 3) A recycling company had nine hundred seventy-six pounds of material to sort. To make it easier they split them into boxes with each full box having forty pounds, how many full boxes did they have?  $976 \div 40 = 24 \text{ r}16$
- 4) A container can hold thirty-eight orange slices. If a company had two hundred sixty-two orange slices to put into containers, how many more slices would they need to fill up the last container?  $262 \div 38 = 6 \text{ r}34$
- 5) A movie store had five hundred seventy-five movies they were putting on fourteen shelves. If the owner wanted to make sure each shelf had the same number of movies without any extra, how many more movies would he need?  $575 \div 14 = 41 \text{ r}1$
- 6) An airline has seven hundred seventy-five pieces of luggage to put away. If each luggage compartment will hold twenty-two pieces of luggage, how many will be in the compartment that isn't full?  $775 \div 22 = 35 \text{ r}5$
- 7) A school had nine hundred thirty-eight students sign up for the trivia teams. If they wanted to have twenty-six team, with the same number of students on each team, how many more students would need to sign up?  $938 \div 26 = 36 \text{ r}2$
- 8) Debby is making bead necklaces. She wants to use five hundred fifty-two beads to make forty-one necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?  $552 \div 41 = 13 \text{ r}19$
- 9) A restaurant needs to buy eight hundred thirty-seven new plates. If each box has forty-nine plates in it, how many boxes will they need to buy?  $837 \div 49 = 17 \text{ r}4$
- 10) Edward's dad bought six hundred sixty-seven centimeters of string. If he wanted to cut the string into pieces with each piece being thirty-seven centimeters long, how many full sized pieces could he make?  $667 \div 37 = 18 \text{ r}1$

**Answers**

1. **20**
2. **16**
3. **24**
4. **4**
5. **13**
6. **5**
7. **24**
8. **19**
9. **18**
10. **18**



Solve each problem.

**Answers**

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