

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

- 1) A movie theater needed three hundred popcorn buckets. If each package has forty-eight buckets in it, how many packages will they need to buy?
- 2) A new video game console needs thirty-six computer chips. If a machine can create six hundred ten computer chips a day, how many video game consoles can be created in a day?
- 3) An art museum had five hundred seventy-four pictures to split equally into eleven different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) A school had nine hundred eighty students sign up for the trivia teams. If they wanted to have thirty-four team, with the same number of students on each team, how many more students would need to sign up?
- 5) A box can hold forty brownies. If a baker made eight hundred ten brownies, how many full boxes of brownies did he make?
- 6) A coat factory had two hundred twenty-six coats. If they wanted to put them into forty-one boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 7) A post office has nine hundred ninety pieces of junk mail they want to split evenly between sixteen mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 8) Tiffany had one hundred seventy-six photos to put into a photo album. If each page holds forty-one photos, how many full pages will she have?
- 9) A container can hold thirty-two orange slices. If a company had seven hundred twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) An airline has five hundred forty-eight pieces of luggage to put away. If each luggage compartment will hold thirty-seven pieces of luggage, how many will be in the compartment that isn't full?

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**Solve each problem.**

- 1) A movie theater needed three hundred popcorn buckets. If each package has forty-eight buckets in it, how many packages will they need to buy?
 $300\div 48 = 6 \text{ r}12$
- 2) A new video game console needs thirty-six computer chips. If a machine can create six hundred ten computer chips a day, how many video game consoles can be created in a day?
 $610\div 36 = 16 \text{ r}34$
- 3) An art museum had five hundred seventy-four pictures to split equally into eleven different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
 $574\div 11 = 52 \text{ r}2$
- 4) A school had nine hundred eighty students sign up for the trivia teams. If they wanted to have thirty-four team, with the same number of students on each team, how many more students would need to sign up?
 $980\div 34 = 28 \text{ r}28$
- 5) A box can hold forty brownies. If a baker made eight hundred ten brownies, how many full boxes of brownies did he make?
 $810\div 40 = 20 \text{ r}10$
- 6) A coat factory had two hundred twenty-six coats. If they wanted to put them into forty-one boxes, with the same number of coats in each box, how many extra coats would they have left over?
 $226\div 41 = 5 \text{ r}21$
- 7) A post office has nine hundred ninety pieces of junk mail they want to split evenly between sixteen mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
 $990\div 16 = 61 \text{ r}14$
- 8) Tiffany had one hundred seventy-six photos to put into a photo album. If each page holds forty-one photos, how many full pages will she have?
 $176\div 41 = 4 \text{ r}12$
- 9) A container can hold thirty-two orange slices. If a company had seven hundred twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?
 $721\div 32 = 22 \text{ r}17$
- 10) An airline has five hundred forty-eight pieces of luggage to put away. If each luggage compartment will hold thirty-seven pieces of luggage, how many will be in the compartment that isn't full?
 $548\div 37 = 14 \text{ r}30$

Answers

1. 7
2. 16
3. 9
4. 6
5. 20
6. 21
7. 14
8. 4
9. 15
10. 30



Solve each problem.

Answers

14	21	30	15	4
16	6	20	7	9

- 1) A movie theater needed 300 popcorn buckets. If each package has 48 buckets in it, how many packages will they need to buy?
- 2) A new video game console needs 36 computer chips. If a machine can create 610 computer chips a day, how many video game consoles can be created in a day?
- 3) An art museum had 574 pictures to split equally into 11 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) A school had 980 students sign up for the trivia teams. If they wanted to have 34 team, with the same number of students on each team, how many more students would need to sign up?
- 5) A box can hold 40 brownies. If a baker made 810 brownies, how many full boxes of brownies did he make?
- 6) A coat factory had 226 coats. If they wanted to put them into 41 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 7) A post office has 990 pieces of junk mail they want to split evenly between 16 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 8) Tiffany had 176 photos to put into a photo album. If each page holds 41 photos, how many full pages will she have?
- 9) A container can hold 32 orange slices. If a company had 721 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 10) An airline has 548 pieces of luggage to put away. If each luggage compartment will hold 37 pieces of luggage, how many will be in the compartment that isn't full?

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