

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

- 1) Isabel had three hundred ten songs on her mp3 player. If she wanted to put the songs equally into forty-two different playlists, how many songs would she have left over?
- 2) A new video game console needs forty-one computer chips. If a machine can create five hundred sixty-one computer chips a day, how many video game consoles can be created in a day?
- 3) A grocery store needed two hundred sixty-three cans of peas. If the peas come in boxes with thirty-eight cans in each box, how many boxes would they need to order?
- 4) At the carnival, forty-three friends bought eight hundred eighty-eight tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 5) Frank has to sell six hundred ninety-five chocolate bars to win a trip. If each box contains forty-five chocolate bars, how many boxes will he need to sell to win the trip?
- 6) A box of computer paper has three hundred forty-three sheets left in it. If each printer in a computer lab needed twenty-one sheets how many printers would the box fill up?
- 7) A vase can hold thirty-four flowers. If a florist had nine hundred forty-seven flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 8) Maria received seven hundred twenty-four dollars for her birthday. Later she found some toys that cost twenty-nine dollars each. How much money would she have left if she bought as many as she could?
- 9) Dave's dad bought two hundred eighty centimeters of string. If he wanted to cut the string into pieces with each piece being forty-nine centimeters long, how many full sized pieces could he make?
- 10) A clown needed eight hundred eleven balloons for a party he was going to, but the balloons only came in packs of twenty-nine. How many packs of balloons would he need to buy?

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**Solve each problem.**

			Answers
1) Isabel had three hundred ten songs on her mp3 player. If she wanted to put the songs equally into forty-two different playlists, how many songs would she have left over?	$310 \div 42 = 7 \text{ r}16$	1.	16
2) A new video game console needs forty-one computer chips. If a machine can create five hundred sixty-one computer chips a day, how many video game consoles can be created in a day?	$561 \div 41 = 13 \text{ r}28$	2.	13
3) A grocery store needed two hundred sixty-three cans of peas. If the peas come in boxes with thirty-eight cans in each box, how many boxes would they need to order?	$263 \div 38 = 6 \text{ r}35$	3.	7
4) At the carnival, forty-three friends bought eight hundred eighty-eight tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	$888 \div 43 = 20 \text{ r}28$	4.	15
5) Frank has to sell six hundred ninety-five chocolate bars to win a trip. If each box contains forty-five chocolate bars, how many boxes will he need to sell to win the trip?	$695 \div 45 = 15 \text{ r}20$	5.	16
6) A box of computer paper has three hundred forty-three sheets left in it. If each printer in a computer lab needed twenty-one sheets how many printers would the box fill up?	$343 \div 21 = 16 \text{ r}7$	6.	16
7) A vase can hold thirty-four flowers. If a florist had nine hundred forty-seven flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?	$947 \div 34 = 27 \text{ r}29$	7.	29
8) Maria received seven hundred twenty-four dollars for her birthday. Later she found some toys that cost twenty-nine dollars each. How much money would she have left if she bought as many as she could?	$724 \div 29 = 24 \text{ r}28$	8.	28
9) Dave's dad bought two hundred eighty centimeters of string. If he wanted to cut the string into pieces with each piece being forty-nine centimeters long, how many full sized pieces could he make?	$280 \div 49 = 5 \text{ r}35$	9.	5
10) A clown needed eight hundred eleven balloons for a party he was going to, but the balloons only came in packs of twenty-nine. How many packs of balloons would he need to buy?	$811 \div 29 = 27 \text{ r}28$	10.	28

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

7	16	28	16	5
28	29	15	13	16

- 1) Isabel had 310 songs on her mp3 player. If she wanted to put the songs equally into 42 different playlists, how many songs would she have left over?
- 2) A new video game console needs 41 computer chips. If a machine can create 561 computer chips a day, how many video game consoles can be created in a day?
- 3) A grocery store needed 263 cans of peas. If the peas come in boxes with 38 cans in each box, how many boxes would they need to order?
- 4) At the carnival, 43 friends bought 888 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 5) Frank has to sell 695 chocolate bars to win a trip. If each box contains 45 chocolate bars, how many boxes will he need to sell to win the trip?
- 6) A box of computer paper has 343 sheets left in it. If each printer in a computer lab needed 21 sheets how many printers would the box fill up?
- 7) A vase can hold 34 flowers. If a florist had 947 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 8) Maria received 724 dollars for her birthday. Later she found some toys that cost 29 dollars each. How much money would she have left if she bought as many as she could?
- 9) Dave's dad bought 280 centimeters of string. If he wanted to cut the string into pieces with each piece being 49 centimeters long, how many full sized pieces could he make?
- 10) A clown needed 811 balloons for a party he was going to, but the balloons only came in packs of 29. How many packs of balloons would he need to buy?

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