

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

- 1) A movie store had one hundred nineteen movies they were putting on eight shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 2) There are one hundred thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need?
- 3) A baker had five boxes for donuts. He ended up making seven hundred seventy-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 4) A clown needed three hundred twenty-four balloons for a party he was going to, but the balloons only came in packs of five. How many packs of balloons would he need to buy?
- 5) Sam was trying to beat his old score of seven hundred twenty-one points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?
- 6) Emily had nine hundred forty-five songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?
- 7) Sarah had seven hundred seventy-three pennies. She wanted to place the pennies into two stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 8) A box can hold six brownies. If a baker made five hundred sixty-eight brownies, how many full boxes of brownies did he make?
- 9) It takes seven grams of plastic to make a ruler. If a company had six hundred fifty-six grams of plastic, how many entire rulers could they make?
- 10) Katie had saved up five hundred ninety quarters and decided to spend them on sodas. If it costs eight quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

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Solve each problem.

		<u>Answers</u>
1) A movie store had one hundred nineteen movies they were putting on eight shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$119 \div 8 = 14 \text{ r}7$	1. <u>1</u>
2) There are one hundred thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need?	$137 \div 6 = 22 \text{ r}5$	2. <u>23</u>
3) A baker had five boxes for donuts. He ended up making seven hundred seventy-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$778 \div 5 = 155 \text{ r}3$	3. <u>3</u>
4) A clown needed three hundred twenty-four balloons for a party he was going to, but the balloons only came in packs of five. How many packs of balloons would he need to buy?	$324 \div 5 = 64 \text{ r}4$	4. <u>65</u>
5) Sam was trying to beat his old score of seven hundred twenty-one points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?	$721 \div 3 = 240 \text{ r}1$	5. <u>241</u>
6) Emily had nine hundred forty-five songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?	$945 \div 4 = 236 \text{ r}1$	6. <u>1</u>
7) Sarah had seven hundred seventy-three pennies. She wanted to place the pennies into two stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$773 \div 2 = 386 \text{ r}1$	7. <u>1</u>
8) A box can hold six brownies. If a baker made five hundred sixty-eight brownies, how many full boxes of brownies did he make?	$568 \div 6 = 94 \text{ r}4$	8. <u>94</u>
9) It takes seven grams of plastic to make a ruler. If a company had six hundred fifty-six grams of plastic, how many entire rulers could they make?	$656 \div 7 = 93 \text{ r}5$	9. <u>93</u>
10) Katie had saved up five hundred ninety quarters and decided to spend them on sodas. If it costs eight quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?	$590 \div 8 = 73 \text{ r}6$	10. <u>2</u>



Solve each problem.

23	241	65	94	1
2	1	3	1	93

Answers

- 1) A movie store had 119 movies they were putting on 8 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 2) There are 137 students going to a trivia competition. If each school van can hold 6 students, how many vans will they need?
- 3) A baker had 5 boxes for donuts. He ended up making 778 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 4) A clown needed 324 balloons for a party he was going to, but the balloons only came in packs of 5. How many packs of balloons would he need to buy?
- 5) Sam was trying to beat his old score of 721 points in a video game. If he scores exactly 3 points each round, how many rounds would he need to play to beat his old score?
- 6) Emily had 945 songs on her mp3 player. If she wanted to put the songs equally into 4 different playlists, how many songs would she have left over?
- 7) Sarah had 773 pennies. She wanted to place the pennies into 2 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 8) A box can hold 6 brownies. If a baker made 568 brownies, how many full boxes of brownies did he make?
- 9) It takes 7 grams of plastic to make a ruler. If a company had 656 grams of plastic, how many entire rulers could they make?
- 10) Katie had saved up 590 quarters and decided to spend them on sodas. If it costs 8 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

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