

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

- 1) A movie store had five hundred fifty-three 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) An airline has eight hundred forty-two pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the compartment that isn't full?
- 3) There are one hundred sixty-three students going to a trivia competition. If each school van can hold seven students, how many vans will they need?
- 4) A cafeteria was putting milk cartons into stacks. They had three hundred one cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?
- 5) Bianca had one hundred sixty songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she have left over?
- 6) A store owner had eight employees and bought eight hundred fifty-nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 7) A builder needed to buy seven hundred nine boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?
- 8) Mike is trying to earn nine hundred dollars for some new toys. If he charges seven dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 9) A box of computer paper has nine hundred sixty-four sheets left in it. If each printer in a computer lab needed five sheets how many printers would the box fill up?
- 10) A post office has eight hundred twenty-five pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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

1) A movie store had five hundred fifty-three 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?	$553 \div 8 = 69 \text{ r}1$	1. <u>7</u>
2) An airline has eight hundred forty-two pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the compartment that isn't full?	$842 \div 6 = 140 \text{ r}2$	2. <u>2</u>
3) There are one hundred sixty-three students going to a trivia competition. If each school van can hold seven students, how many vans will they need?	$163 \div 7 = 23 \text{ r}2$	3. <u>24</u>
4) A cafeteria was putting milk cartons into stacks. They had three hundred one cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?	$301 \div 6 = 50 \text{ r}1$	4. <u>50</u>
5) Bianca had one hundred sixty songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she have left over?	$160 \div 7 = 22 \text{ r}6$	5. <u>6</u>
6) A store owner had eight employees and bought eight hundred fifty-nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?	$859 \div 8 = 107 \text{ r}3$	6. <u>5</u>
7) A builder needed to buy seven hundred nine boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?	$709 \div 3 = 236 \text{ r}1$	7. <u>237</u>
8) Mike is trying to earn nine hundred dollars for some new toys. If he charges seven dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$900 \div 7 = 128 \text{ r}4$	8. <u>129</u>
9) A box of computer paper has nine hundred sixty-four sheets left in it. If each printer in a computer lab needed five sheets how many printers would the box fill up?	$964 \div 5 = 192 \text{ r}4$	9. <u>192</u>
10) A post office has eight hundred twenty-five pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$825 \div 2 = 412 \text{ r}1$	10. <u>1</u>



Solve each problem.

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192

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Answers

- 1) A movie store had 553 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) An airline has 842 pieces of luggage to put away. If each luggage compartment will hold 6 pieces of luggage, how many will be in the compartment that isn't full?
- 3) There are 163 students going to a trivia competition. If each school van can hold 7 students, how many vans will they need?
- 4) A cafeteria was putting milk cartons into stacks. They had 301 cartons and were putting them into stacks with 6 cartons in each stack. How many full stacks could they make?
- 5) Bianca had 160 songs on her mp3 player. If she wanted to put the songs equally into 7 different playlists, how many songs would she have left over?
- 6) A store owner had 8 employees and bought 859 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 7) A builder needed to buy 709 boards for his latest project. If the boards he needs come in packs of 3, how many packages will he need to buy?
- 8) Mike is trying to earn 900 dollars for some new toys. If he charges 7 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 9) A box of computer paper has 964 sheets left in it. If each printer in a computer lab needed 5 sheets how many printers would the box fill up?
- 10) A post office has 825 pieces of junk mail they want to split evenly between 2 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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