

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

- 1) A clown needed nine hundred eighty-two balloons for a party he was going to, but the balloons only came in packs of three. How many packs of balloons would he need to buy?
- 2) A movie store had six hundred fifty-nine movies they were putting on three shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 3) Billy was trying to beat his old score of eight hundred sixteen points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?
- 4) Carol had four hundred fourteen photos to put into a photo album. If each page holds seven photos, how many full pages will she have?
- 5) It takes eight apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples?
- 6) A botanist picked four hundred fourteen flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 7) The roller coaster at the state fair costs eight tickets per ride. If you had five hundred sixty-seven tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) An industrial machine can make three hundred fifty-eight crayons a day. If each box of crayons has seven crayons in it, how many full boxes does the machine make a day?
- 9) There are six hundred thirty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?
- 10) A cafeteria was putting milk cartons into stacks. They had five hundred sixty-two cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?

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Solve each problem.

		<u>Answers</u>
1) A clown needed nine hundred eighty-two balloons for a party he was going to, but the balloons only came in packs of three. How many packs of balloons would he need to buy?	$982 \div 3 = 327 \text{ r}1$	1. <u>328</u>
2) A movie store had six hundred fifty-nine movies they were putting on three shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$659 \div 3 = 219 \text{ r}2$	2. <u>1</u> 3. <u>117</u>
3) Billy was trying to beat his old score of eight hundred sixteen points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?	$816 \div 7 = 116 \text{ r}4$	4. <u>59</u> 5. <u>5</u>
4) Carol had four hundred fourteen photos to put into a photo album. If each page holds seven photos, how many full pages will she have?	$414 \div 7 = 59 \text{ r}1$	6. <u>2</u> 7. <u>7</u>
5) It takes eight apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples?	$851 \div 8 = 106 \text{ r}3$	8. <u>51</u> 9. <u>128</u>
6) A botanist picked four hundred fourteen flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$414 \div 4 = 103 \text{ r}2$	10. <u>140</u>
7) The roller coaster at the state fair costs eight tickets per ride. If you had five hundred sixty-seven tickets, how many tickets would you have left if you rode it as many times as you could?	$567 \div 8 = 70 \text{ r}7$	
8) An industrial machine can make three hundred fifty-eight crayons a day. If each box of crayons has seven crayons in it, how many full boxes does the machine make a day?	$358 \div 7 = 51 \text{ r}1$	
9) There are six hundred thirty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?	$638 \div 5 = 127 \text{ r}3$	
10) A cafeteria was putting milk cartons into stacks. They had five hundred sixty-two cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?	$562 \div 4 = 140 \text{ r}2$	



Solve each problem.

51	128	117	2	1
328	59	140	7	5

**Answers**

- 1) A clown needed 982 balloons for a party he was going to, but the balloons only came in packs of 3. How many packs of balloons would he need to buy?
- 2) A movie store had 659 movies they were putting on 3 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 3) Billy was trying to beat his old score of 816 points in a video game. If he scores exactly 7 points each round, how many rounds would he need to play to beat his old score?
- 4) Carol had 414 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?
- 5) It takes 8 apples to make an apple pie. If a chef bought 851 apples, the last pie would need how many more apples?
- 6) A botanist picked 414 flowers. She wanted to put them into 4 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 7) The roller coaster at the state fair costs 8 tickets per ride. If you had 567 tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) An industrial machine can make 358 crayons a day. If each box of crayons has 7 crayons in it, how many full boxes does the machine make a day?
- 9) There are 638 people attending a luncheon. If a table can hold 5 people, how many tables do they need?
- 10) A cafeteria was putting milk cartons into stacks. They had 562 cartons and were putting them into stacks with 4 cartons in each stack. How many full stacks could they make?

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

- 1) Paul wanted to give each of his seven friends an equal amount of candy. At the store he bought seven hundred fifty-seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 2) A flash drive could hold three gigs of data. If you needed to store nine hundred forty-one gigs, how many flash drive would you need?
- 3) Cody has to sell three hundred thirty-nine chocolate bars to win a trip. If each box contains six chocolate bars, how many boxes will he need to sell to win the trip?
- 4) At the carnival, eight friends bought nine hundred seventy-one 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) A post office has one hundred eighty pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 6) An industrial machine can make two hundred eighty-two crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?
- 7) A vat of orange juice was one hundred ninety-four pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?
- 8) An airline has nine hundred forty-six pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes two grams of plastic to make a ruler. If a company had six hundred five grams of plastic, how many entire rulers could they make?
- 10) A coat factory had three hundred fifty-five coats. If they wanted to put them into four boxes, with the same number of coats in each box, how many extra coats would they have left over?

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Solve each problem.

		<u>Answers</u>
1) Paul wanted to give each of his seven friends an equal amount of candy. At the store he bought seven hundred fifty-seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$757 \div 7 = 108 \text{ r}1$	1. <u>6</u>
2) A flash drive could hold three gigs of data. If you needed to store nine hundred forty-one gigs, how many flash drive would you need?	$941 \div 3 = 313 \text{ r}2$	2. <u>314</u>
3) Cody has to sell three hundred thirty-nine chocolate bars to win a trip. If each box contains six chocolate bars, how many boxes will he need to sell to win the trip?	$339 \div 6 = 56 \text{ r}3$	3. <u>57</u>
4) At the carnival, eight friends bought nine hundred seventy-one 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?	$971 \div 8 = 121 \text{ r}3$	4. <u>5</u>
5) A post office has one hundred eighty pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$180 \div 8 = 22 \text{ r}4$	5. <u>4</u>
6) An industrial machine can make two hundred eighty-two crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make a day?	$282 \div 4 = 70 \text{ r}2$	6. <u>70</u>
7) A vat of orange juice was one hundred ninety-four pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?	$194 \div 7 = 27 \text{ r}5$	7. <u>27</u>
8) An airline has nine hundred forty-six pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?	$946 \div 3 = 315 \text{ r}1$	8. <u>1</u>
9) It takes two grams of plastic to make a ruler. If a company had six hundred five grams of plastic, how many entire rulers could they make?	$605 \div 2 = 302 \text{ r}1$	9. <u>302</u>
10) A coat factory had three hundred fifty-five coats. If they wanted to put them into four boxes, with the same number of coats in each box, how many extra coats would they have left over?	$355 \div 4 = 88 \text{ r}3$	10. <u>3</u>



Solve each problem.

302	5	3	314	4
1	70	27	57	6

**Answers**

1) Paul wanted to give each of his 7 friends an equal amount of candy. At the store he bought 757 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

1. \_\_\_\_\_

2) A flash drive could hold 3 gigs of data. If you needed to store 941 gigs, how many flash drive would you need?

2. \_\_\_\_\_

3) Cody has to sell 339 chocolate bars to win a trip. If each box contains 6 chocolate bars, how many boxes will he need to sell to win the trip?

3. \_\_\_\_\_

4) At the carnival, 8 friends bought 971 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?

4. \_\_\_\_\_

5) A post office has 180 pieces of junk mail they want to split evenly between 8 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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6) An industrial machine can make 282 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?

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7) A vat of orange juice was 194 pints. If you wanted to pour the vat into 7 glasses with the same amount in each glass, how many pints would be in each glass?

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8) An airline has 946 pieces of luggage to put away. If each luggage compartment will hold 3 pieces of luggage, how many will be in the compartment that isn't full?

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9) It takes 2 grams of plastic to make a ruler. If a company had 605 grams of plastic, how many entire rulers could they make?

9. \_\_\_\_\_

10) A coat factory had 355 coats. If they wanted to put them into 4 boxes, with the same number of coats in each box, how many extra coats would they have left over?

10. \_\_\_\_\_

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

- 1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?
- 2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?
- 4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?
- 5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 6) Haley had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 7) Adam had one hundred twelve pieces of candy. If he wants to split the candy into three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?
- 9) Carol received one hundred forty-two dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?
- 10) Tom has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

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Solve each problem.

		<u>Answers</u>
1) It takes three grams of plastic to make a ruler. If a company had six hundred ninety-four grams of plastic, how many entire rulers could they make?	$694 \div 3 = 231 \text{ r}1$	1. <u>231</u>
2) Olivia is making bead necklaces. She wants to use five hundred seventy-four beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$574 \div 4 = 143 \text{ r}2$	2. <u>2</u> 3. <u>302</u>
3) A new video game console needs two computer chips. If a machine can create six hundred five computer chips a day, how many video game consoles can be created in a day?	$605 \div 2 = 302 \text{ r}1$	4. <u>1</u> 5. <u>3</u> 6. <u>159</u>
4) A school had two hundred seventy-nine students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?	$279 \div 4 = 69 \text{ r}3$	7. <u>2</u> 8. <u>116</u>
5) A coat factory had eight hundred fifty-eight coats. If they wanted to put them into nine boxes, with the same number of coats in each box, how many extra coats would they have left over?	$858 \div 9 = 95 \text{ r}3$	9. <u>2</u> 10. <u>124</u>
6) Haley had nine hundred fifty-nine photos to put into a photo album. If each page holds six photos, how many full pages will she have?	$959 \div 6 = 159 \text{ r}5$	
7) Adam had one hundred twelve pieces of candy. If he wants to split the candy into three bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	$112 \div 3 = 37 \text{ r}1$	
8) There are six hundred ninety-one students going to a trivia competition. If each school van can hold six students, how many vans will they need?	$691 \div 6 = 115 \text{ r}1$	
9) Carol received one hundred forty-two dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?	$142 \div 4 = 35 \text{ r}2$	
10) Tom has to sell two hundred forty-seven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?	$247 \div 2 = 123 \text{ r}1$	





Solve each problem.

1	2	231	124	2
116	3	2	302	159

**Answers**

1) It takes 3 grams of plastic to make a ruler. If a company had 694 grams of plastic, how many entire rulers could they make?

1. \_\_\_\_\_

2) Olivia is making bead necklaces. She wants to use 574 beads to make 4 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

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3) A new video game console needs 2 computer chips. If a machine can create 605 computer chips a day, how many video game consoles can be created in a day?

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4) A school had 279 students sign up for the trivia teams. If they wanted to have 4 team, with the same number of students on each team, how many more students would need to sign up?

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5) A coat factory had 858 coats. If they wanted to put them into 9 boxes, with the same number of coats in each box, how many extra coats would they have left over?

5. \_\_\_\_\_

6) Haley had 959 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?

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7) Adam had 112 pieces of candy. If he wants to split the candy into 3 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

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8) There are 691 students going to a trivia competition. If each school van can hold 6 students, how many vans will they need?

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9) Carol received 142 dollars for her birthday. Later she found some toys that cost 4 dollars each. How much money would she have left if she bought as many as she could?

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10) Tom has to sell 247 chocolate bars to win a trip. If each box contains 2 chocolate bars, how many boxes will he need to sell to win the trip?

10. \_\_\_\_\_

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

- 1) A coat factory had six hundred twenty-three coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 2) A truck can hold six boxes. If you needed to move five hundred seventy-four boxes across town, how many trips would you need to make?
- 3) Janet had one hundred sixty-one songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?
- 4) A cafeteria was putting milk cartons into stacks. They had one hundred ninety-nine cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?
- 5) Adam is trying to earn eight hundred fifty dollars for some new toys. If he charges eight dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 6) The roller coaster at the state fair costs two tickets per ride. If you had three hundred eleven tickets, how many tickets would you have left if you rode it as many times as you could?
- 7) A botanist picked nine hundred ninety-one flowers. She wanted to put them into two bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 8) A vat of orange juice was nine hundred forty-eight pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be in each glass?
- 9) Paige had saved up two hundred thirty-seven quarters and decided to spend them on sodas. If it costs nine quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 10) Bianca wanted to drink exactly six bottles of water each day, so she bought six hundred nine bottles when they were on sale. How many more bottles will she need to buy on the last day?

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Solve each problem.

		<u>Answers</u>
1) A coat factory had six hundred twenty-three coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over?	$623 \div 3 = 207 \text{ r}2$	1. <u>2</u>
2) A truck can hold six boxes. If you needed to move five hundred seventy-four boxes across town, how many trips would you need to make?	$574 \div 6 = 95 \text{ r}4$	2. <u>96</u>
3) Janet had one hundred sixty-one songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?	$161 \div 8 = 20 \text{ r}1$	3. <u>1</u>
4) A cafeteria was putting milk cartons into stacks. They had one hundred ninety-nine cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?	$199 \div 4 = 49 \text{ r}3$	4. <u>49</u>
5) Adam is trying to earn eight hundred fifty dollars for some new toys. If he charges eight dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$850 \div 8 = 106 \text{ r}2$	5. <u>107</u>
6) The roller coaster at the state fair costs two tickets per ride. If you had three hundred eleven tickets, how many tickets would you have left if you rode it as many times as you could?	$311 \div 2 = 155 \text{ r}1$	6. <u>1</u>
7) A botanist picked nine hundred ninety-one flowers. She wanted to put them into two bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$991 \div 2 = 495 \text{ r}1$	7. <u>1</u>
8) A vat of orange juice was nine hundred forty-eight pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be in each glass?	$948 \div 9 = 105 \text{ r}3$	8. <u>105</u>
9) Paige had saved up two hundred thirty-seven quarters and decided to spend them on sodas. If it costs nine quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?	$237 \div 9 = 26 \text{ r}3$	9. <u>6</u>
10) Bianca wanted to drink exactly six bottles of water each day, so she bought six hundred nine bottles when they were on sale. How many more bottles will she need to buy on the last day?	$609 \div 6 = 101 \text{ r}3$	10. <u>3</u>



Solve each problem.

**Answers**

49	6	1	105	1
2	3	96	107	1

- 1) A coat factory had 623 coats. If they wanted to put them into 3 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 2) A truck can hold 6 boxes. If you needed to move 574 boxes across town, how many trips would you need to make?
- 3) Janet had 161 songs on her mp3 player. If she wanted to put the songs equally into 8 different playlists, how many songs would she have left over?
- 4) A cafeteria was putting milk cartons into stacks. They had 199 cartons and were putting them into stacks with 4 cartons in each stack. How many full stacks could they make?
- 5) Adam is trying to earn 850 dollars for some new toys. If he charges 8 dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 6) The roller coaster at the state fair costs 2 tickets per ride. If you had 311 tickets, how many tickets would you have left if you rode it as many times as you could?
- 7) A botanist picked 991 flowers. She wanted to put them into 2 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 8) A vat of orange juice was 948 pints. If you wanted to pour the vat into 9 glasses with the same amount in each glass, how many pints would be in each glass?
- 9) Paige had saved up 237 quarters and decided to spend them on sodas. If it costs 9 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 10) Bianca wanted to drink exactly 6 bottles of water each day, so she bought 609 bottles when they were on sale. How many more bottles will she need to buy on the last day?

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

- 1) A new video game console needs five computer chips. If a machine can create two hundred seventy-six computer chips a day, how many video game consoles can be created in a day?  
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- 2) Rachel received one hundred forty-nine dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if she bought as many as she could?  
2. \_\_\_\_\_
- 3) A botanist picked nine hundred fifty-three flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?  
3. \_\_\_\_\_
- 4) Paul's dad bought six hundred eighty-six meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?  
4. \_\_\_\_\_
- 5) At the carnival, two friends bought three hundred seventy-five 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. \_\_\_\_\_
- 6) A school had four hundred thirty-two students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, how many more students would need to sign up?  
6. \_\_\_\_\_
- 7) There are five hundred sixty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?  
7. \_\_\_\_\_
- 8) A builder needed to buy five hundred eighty-four boards for his latest project. If the boards he needs come in packs of nine, how many packages will he need to buy?  
8. \_\_\_\_\_
- 9) A truck can hold two boxes. If you needed to move nine hundred eighty-five boxes across town, how many trips would you need to make?  
9. \_\_\_\_\_
- 10) A post office has two hundred ninety-seven 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?  
10. \_\_\_\_\_



Solve each problem.

		<u>Answers</u>
1) A new video game console needs five computer chips. If a machine can create two hundred seventy-six computer chips a day, how many video game consoles can be created in a day?	$276 \div 5 = 55 \text{ r}1$	1. <u>55</u>
2) Rachel received one hundred forty-nine dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if she bought as many as she could?	$149 \div 7 = 21 \text{ r}2$	2. <u>2</u> 3. <u>1</u>
3) A botanist picked nine hundred fifty-three flowers. She wanted to put them into six bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$953 \div 6 = 158 \text{ r}5$	4. <u>228</u> 5. <u>1</u>
4) Paul's dad bought six hundred eighty-six meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?	$686 \div 3 = 228 \text{ r}2$	6. <u>3</u> 7. <u>63</u>
5) At the carnival, two friends bought three hundred seventy-five 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?	$375 \div 2 = 187 \text{ r}1$	8. <u>65</u> 9. <u>493</u>
6) A school had four hundred thirty-two students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, how many more students would need to sign up?	$432 \div 5 = 86 \text{ r}2$	10. <u>1</u>
7) There are five hundred sixty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?	$564 \div 9 = 62 \text{ r}6$	
8) A builder needed to buy five hundred eighty-four boards for his latest project. If the boards he needs come in packs of nine, how many packages will he need to buy?	$584 \div 9 = 64 \text{ r}8$	
9) A truck can hold two boxes. If you needed to move nine hundred eighty-five boxes across town, how many trips would you need to make?	$985 \div 2 = 492 \text{ r}1$	
10) A post office has two hundred ninety-seven 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?	$297 \div 2 = 148 \text{ r}1$	



Solve each problem.

**Answers**

65	228	1	55	63
1	2	493	1	3

- 1) A new video game console needs 5 computer chips. If a machine can create 276 computer chips a day, how many video game consoles can be created in a day?
- 2) Rachel received 149 dollars for her birthday. Later she found some toys that cost 7 dollars each. How much money would she have left if she bought as many as she could?
- 3) A botanist picked 953 flowers. She wanted to put them into 6 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 4) Paul's dad bought 686 meters of string. If he wanted to cut the string into pieces with each piece being 3 meters long, how many full sized pieces could he make?
- 5) At the carnival, 2 friends bought 375 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?
- 6) A school had 432 students sign up for the trivia teams. If they wanted to have 5 team, with the same number of students on each team, how many more students would need to sign up?
- 7) There are 564 students going to a trivia competition. If each school van can hold 9 students, how many vans will they need?
- 8) A builder needed to buy 584 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy?
- 9) A truck can hold 2 boxes. If you needed to move 985 boxes across town, how many trips would you need to make?
- 10) A post office has 297 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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**Solve each problem.****Answers**

- 1) Debby is making bead necklaces. She wants to use six hundred nine beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 2) At the carnival, nine friends bought nine hundred seventy-seven 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?
- 3) A cafeteria was putting milk cartons into stacks. They had five hundred twenty-three cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?
- 4) George had eight hundred eighty-five pieces of candy. If he wants to split the candy into seven bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 5) There are nine hundred forty-three students going to a trivia competition. If each school van can hold two students, how many vans will they need?
- 6) An airline has eight hundred eighty-four pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?
- 7) It takes nine apples to make an apple pie. If a chef bought seven hundred forty-one apples, the last pie would need how many more apples?
- 8) A vat of orange juice was three hundred forty-two pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?
- 9) A builder needed to buy nine hundred forty-six boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need to buy?
- 10) A truck can hold five boxes. If you needed to move four hundred seventy-four boxes across town, how many trips would you need to make?

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Solve each problem.

		<u>Answers</u>
1) Debby is making bead necklaces. She wants to use six hundred nine beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$609 \div 2 = 304 \text{ r}1$	1. <u>1</u>
2) At the carnival, nine friends bought nine hundred seventy-seven 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?	$977 \div 9 = 108 \text{ r}5$	2. <u>4</u> 3. <u>174</u>
3) A cafeteria was putting milk cartons into stacks. They had five hundred twenty-three cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?	$523 \div 3 = 174 \text{ r}1$	4. <u>4</u> 5. <u>472</u>
4) George had eight hundred eighty-five pieces of candy. If he wants to split the candy into seven bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	$885 \div 7 = 126 \text{ r}3$	6. <u>4</u> 7. <u>6</u>
5) There are nine hundred forty-three students going to a trivia competition. If each school van can hold two students, how many vans will they need?	$943 \div 2 = 471 \text{ r}1$	8. <u>85</u> 9. <u>136</u>
6) An airline has eight hundred eighty-four pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?	$884 \div 8 = 110 \text{ r}4$	10. <u>95</u>
7) It takes nine apples to make an apple pie. If a chef bought seven hundred forty-one apples, the last pie would need how many more apples?	$741 \div 9 = 82 \text{ r}3$	
8) A vat of orange juice was three hundred forty-two pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?	$342 \div 4 = 85 \text{ r}2$	
9) A builder needed to buy nine hundred forty-six boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need to buy?	$946 \div 7 = 135 \text{ r}1$	
10) A truck can hold five boxes. If you needed to move four hundred seventy-four boxes across town, how many trips would you need to make?	$474 \div 5 = 94 \text{ r}4$	



Solve each problem.

4	4	136	6	85
95	174	4	1	472

**Answers**

- 1) Debby is making bead necklaces. She wants to use 609 beads to make 2 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 2) At the carnival, 9 friends bought 977 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?
- 3) A cafeteria was putting milk cartons into stacks. They had 523 cartons and were putting them into stacks with 3 cartons in each stack. How many full stacks could they make?
- 4) George had 885 pieces of candy. If he wants to split the candy into 7 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 5) There are 943 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?
- 6) An airline has 884 pieces of luggage to put away. If each luggage compartment will hold 8 pieces of luggage, how many will be in the compartment that isn't full?
- 7) It takes 9 apples to make an apple pie. If a chef bought 741 apples, the last pie would need how many more apples?
- 8) A vat of orange juice was 342 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?
- 9) A builder needed to buy 946 boards for his latest project. If the boards he needs come in packs of 7, how many packages will he need to buy?
- 10) A truck can hold 5 boxes. If you needed to move 474 boxes across town, how many trips would you need to make?

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**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) Adam 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) Olivia 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) Maria 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) Haley 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) Adam 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) Olivia 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) Maria 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) Haley 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) Adam 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) Olivia 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) Maria 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) Haley 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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**Solve each problem.****Answers**

- 1) A flash drive could hold five gigs of data. If you needed to store three hundred eighty-eight gigs, how many flash drive would you need?
- 2) Rachel had one hundred eighty-two pennies. She wanted to place the pennies into four stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 3) A truck can hold two boxes. If you needed to move four hundred seventy-five boxes across town, how many trips would you need to make?
- 4) The roller coaster at the state fair costs four tickets per ride. If you had one hundred twenty-one tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) An industrial machine can make four hundred thirty-seven crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?
- 6) A baker had nine boxes for donuts. He ended up making two hundred forty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) A librarian had to pack seven hundred three books into boxes. If each box can hold six books, how many boxes did she need?
- 8) It takes two apples to make an apple pie. If a chef bought eight hundred eighty-one apples, the last pie would need how many more apples?
- 9) Ned's dad bought four hundred twelve meters of string. If he wanted to cut the string into pieces with each piece being nine meters long, how many full sized pieces could he make?
- 10) John wanted to give each of his five friends an equal amount of candy. At the store he bought four hundred seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

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Solve each problem.

		<u>Answers</u>
1) A flash drive could hold five gigs of data. If you needed to store three hundred eighty-eight gigs, how many flash drive would you need?	$388 \div 5 = 77 \text{ r}3$	1. <u>78</u>
2) Rachel had one hundred eighty-two pennies. She wanted to place the pennies into four stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$182 \div 4 = 45 \text{ r}2$	2. <u>2</u> 3. <u>238</u>
3) A truck can hold two boxes. If you needed to move four hundred seventy-five boxes across town, how many trips would you need to make?	$475 \div 2 = 237 \text{ r}1$	4. <u>1</u> 5. <u>48</u>
4) The roller coaster at the state fair costs four tickets per ride. If you had one hundred twenty-one tickets, how many tickets would you have left if you rode it as many times as you could?	$121 \div 4 = 30 \text{ r}1$	6. <u>5</u> 7. <u>118</u>
5) An industrial machine can make four hundred thirty-seven crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make a day?	$437 \div 9 = 48 \text{ r}5$	8. <u>1</u> 9. <u>45</u>
6) A baker had nine boxes for donuts. He ended up making two hundred forty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$248 \div 9 = 27 \text{ r}5$	10. <u>3</u>
7) A librarian had to pack seven hundred three books into boxes. If each box can hold six books, how many boxes did she need?	$703 \div 6 = 117 \text{ r}1$	
8) It takes two apples to make an apple pie. If a chef bought eight hundred eighty-one apples, the last pie would need how many more apples?	$881 \div 2 = 440 \text{ r}1$	
9) Ned's dad bought four hundred twelve meters of string. If he wanted to cut the string into pieces with each piece being nine meters long, how many full sized pieces could he make?	$412 \div 9 = 45 \text{ r}7$	
10) John wanted to give each of his five friends an equal amount of candy. At the store he bought four hundred seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$407 \div 5 = 81 \text{ r}2$	



Solve each problem.

3	45	5	48	238
1	2	1	118	78

**Answers**

- 1) A flash drive could hold 5 gigs of data. If you needed to store 388 gigs, how many flash drive would you need?
- 2) Rachel had 182 pennies. She wanted to place the pennies into 4 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 3) A truck can hold 2 boxes. If you needed to move 475 boxes across town, how many trips would you need to make?
- 4) The roller coaster at the state fair costs 4 tickets per ride. If you had 121 tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) An industrial machine can make 437 crayons a day. If each box of crayons has 9 crayons in it, how many full boxes does the machine make a day?
- 6) A baker had 9 boxes for donuts. He ended up making 248 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) A librarian had to pack 703 books into boxes. If each box can hold 6 books, how many boxes did she need?
- 8) It takes 2 apples to make an apple pie. If a chef bought 881 apples, the last pie would need how many more apples?
- 9) Ned's dad bought 412 meters of string. If he wanted to cut the string into pieces with each piece being 9 meters long, how many full sized pieces could he make?
- 10) John wanted to give each of his 5 friends an equal amount of candy. At the store he bought 407 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

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

- 1) At the carnival, seven friends bought eight hundred seventy-four 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?
- 2) A container can hold six orange slices. If a company had nine hundred eighty-three orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Jerry was trying to beat his old score of three hundred forty-nine points in a video game. If he scores exactly four points each round, how many rounds would he need to play to beat his old score?
- 4) A vat of orange juice was six hundred fifty-two pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be in each glass?
- 5) A movie theater needed two hundred eighty-nine popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?
- 6) A machine in a candy company creates four hundred sixty-one pieces of candy a minute. If a small box of candy has three pieces in it how many full boxes does the machine make in a minute?
- 7) A librarian had to pack four hundred thirty-four books into boxes. If each box can hold five books, how many boxes did she need?
- 8) An airline has six hundred ten pieces of luggage to put away. If each luggage compartment will hold seven pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes five apples to make an apple pie. If a chef bought seven hundred twelve apples, the last pie would need how many more apples?
- 10) A baker had two boxes for donuts. He ended up making six hundred thirty-five donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

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Solve each problem.

		<u>Answers</u>
1) At the carnival, seven friends bought eight hundred seventy-four 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?	$874 \div 7 = 124 \text{ r}6$	1. <u>1</u>
2) A container can hold six orange slices. If a company had nine hundred eighty-three orange slices to put into containers, how many more slices would they need to fill up the last container?	$983 \div 6 = 163 \text{ r}5$	2. <u>1</u> 3. <u>88</u>
3) Jerry was trying to beat his old score of three hundred forty-nine points in a video game. If he scores exactly four points each round, how many rounds would he need to play to beat his old score?	$349 \div 4 = 87 \text{ r}1$	4. <u>72</u> 5. <u>49</u> 6. <u>153</u>
4) A vat of orange juice was six hundred fifty-two pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be in each glass?	$652 \div 9 = 72 \text{ r}4$	7. <u>87</u> 8. <u>1</u>
5) A movie theater needed two hundred eighty-nine popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?	$289 \div 6 = 48 \text{ r}1$	9. <u>3</u> 10. <u>1</u>
6) A machine in a candy company creates four hundred sixty-one pieces of candy a minute. If a small box of candy has three pieces in it how many full boxes does the machine make in a minute?	$461 \div 3 = 153 \text{ r}2$	
7) A librarian had to pack four hundred thirty-four books into boxes. If each box can hold five books, how many boxes did she need?	$434 \div 5 = 86 \text{ r}4$	
8) An airline has six hundred ten pieces of luggage to put away. If each luggage compartment will hold seven pieces of luggage, how many will be in the compartment that isn't full?	$610 \div 7 = 87 \text{ r}1$	
9) It takes five apples to make an apple pie. If a chef bought seven hundred twelve apples, the last pie would need how many more apples?	$712 \div 5 = 142 \text{ r}2$	
10) A baker had two boxes for donuts. He ended up making six hundred thirty-five donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$635 \div 2 = 317 \text{ r}1$	



Solve each problem.

88	3	1	72	153
1	1	1	49	87

**Answers**

- 1) At the carnival, 7 friends bought 874 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?
- 2) A container can hold 6 orange slices. If a company had 983 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Jerry was trying to beat his old score of 349 points in a video game. If he scores exactly 4 points each round, how many rounds would he need to play to beat his old score?
- 4) A vat of orange juice was 652 pints. If you wanted to pour the vat into 9 glasses with the same amount in each glass, how many pints would be in each glass?
- 5) A movie theater needed 289 popcorn buckets. If each package has 6 buckets in it, how many packages will they need to buy?
- 6) A machine in a candy company creates 461 pieces of candy a minute. If a small box of candy has 3 pieces in it how many full boxes does the machine make in a minute?
- 7) A librarian had to pack 434 books into boxes. If each box can hold 5 books, how many boxes did she need?
- 8) An airline has 610 pieces of luggage to put away. If each luggage compartment will hold 7 pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes 5 apples to make an apple pie. If a chef bought 712 apples, the last pie would need how many more apples?
- 10) A baker had 2 boxes for donuts. He ended up making 635 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

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

- 1) A vat of orange juice was two hundred six pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A movie store had seven hundred sixty-seven movies they were putting on seven shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 3) A box of computer paper has four hundred twenty-seven sheets left in it. If each printer in a computer lab needed four sheets how many printers would the box fill up?
- 4) The roller coaster at the state fair costs eight tickets per ride. If you had eight hundred eighty-three tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) Edward has to sell six hundred eighty-five chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?
- 6) Nancy had five hundred twenty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 7) A builder needed to buy four hundred thirty-two boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?
- 8) A clown needed seven hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would he need to buy?
- 9) An art museum had seven hundred pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 10) An airline has five hundred thirteen 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?

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Solve each problem.

		<u>Answers</u>
1) A vat of orange juice was two hundred six pints. If you wanted to pour the vat into six glasses with the same amount in each glass, how many pints would be in each glass?	$206 \div 6 = 34 \text{ r}2$	1. <u>34</u>
2) A movie store had seven hundred sixty-seven movies they were putting on seven shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$767 \div 7 = 109 \text{ r}4$	2. <u>3</u> 3. <u>106</u>
3) A box of computer paper has four hundred twenty-seven sheets left in it. If each printer in a computer lab needed four sheets how many printers would the box fill up?	$427 \div 4 = 106 \text{ r}3$	4. <u>3</u> 5. <u>172</u>
4) The roller coaster at the state fair costs eight tickets per ride. If you had eight hundred eighty-three tickets, how many tickets would you have left if you rode it as many times as you could?	$883 \div 8 = 110 \text{ r}3$	6. <u>87</u> 7. <u>87</u>
5) Edward has to sell six hundred eighty-five chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?	$685 \div 4 = 171 \text{ r}1$	8. <u>87</u> 9. <u>4</u>
6) Nancy had five hundred twenty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?	$526 \div 6 = 87 \text{ r}4$	10. <u>3</u>
7) A builder needed to buy four hundred thirty-two boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?	$432 \div 5 = 86 \text{ r}2$	
8) A clown needed seven hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would he need to buy?	$775 \div 9 = 86 \text{ r}1$	
9) An art museum had seven hundred pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?	$700 \div 8 = 87 \text{ r}4$	
10) An airline has five hundred thirteen 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?	$513 \div 6 = 85 \text{ r}3$	



Solve each problem.

3	172	106	4	3
87	87	87	3	34

**Answers**

- 1) A vat of orange juice was 206 pints. If you wanted to pour the vat into 6 glasses with the same amount in each glass, how many pints would be in each glass?
- 2) A movie store had 767 movies they were putting on 7 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 3) A box of computer paper has 427 sheets left in it. If each printer in a computer lab needed 4 sheets how many printers would the box fill up?
- 4) The roller coaster at the state fair costs 8 tickets per ride. If you had 883 tickets, how many tickets would you have left if you rode it as many times as you could?
- 5) Edward has to sell 685 chocolate bars to win a trip. If each box contains 4 chocolate bars, how many boxes will he need to sell to win the trip?
- 6) Nancy had 526 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?
- 7) A builder needed to buy 432 boards for his latest project. If the boards he needs come in packs of 5, how many packages will he need to buy?
- 8) A clown needed 775 balloons for a party he was going to, but the balloons only came in packs of 9. How many packs of balloons would he need to buy?
- 9) An art museum had 700 pictures to split equally into 8 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 10) An airline has 513 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?

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