Solve each problem.

1) A box can hold 5 brownies. If a baker made 977 brownies, how many full boxes of brownies did he make?

2) A movie store had 823 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?

3) A movie theater needed 292 popcorn buckets. If each package has 7 buckets in it, how many packages will they need to buy?

4) A vase can hold 3 flowers. If a florist had 991 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

5) An art museum had 109 pictures to split equally into 6 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

6) It takes 5 grams of plastic to make a ruler. If a company had 576 grams of plastic, how many entire rulers could they make?

7) A coat factory had 809 coats. If they wanted to put them into 5 boxes, with the same number of coats in each box, how many extra coats would they have left over?

8) A truck can hold 8 boxes. If you needed to move 681 boxes across town, how many trips would you need to make?

9) Wendy had 713 photos to put into a photo album. If each page holds 4 photos, how many full pages will she have?

10) Gwen wanted to drink exactly 7 bottles of water each day, so she bought 715 bottles when they were on sale. How many more bottles will she need to buy on the last day?
Solve each problem.

1) A box can hold 5 brownies. If a baker made 977 brownies, how many full boxes of brownies did he make?

\[ 977 \div 5 = 195 \text{ r} 2 \]

2) A movie store had 823 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?

\[ 823 \div 8 = 102 \text{ r} 7 \]

3) A movie theater needed 292 popcorn buckets. If each package has 7 buckets in it, how many packages will they need to buy?

\[ 292 \div 7 = 41 \text{ r} 5 \]

4) A vase can hold 3 flowers. If a florist had 991 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

\[ 991 \div 3 = 330 \text{ r} 1 \]

5) An art museum had 109 pictures to split equally into 6 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

\[ 109 \div 6 = 18 \text{ r} 1 \]

6) It takes 5 grams of plastic to make a ruler. If a company had 576 grams of plastic, how many entire rulers could they make?

\[ 576 \div 5 = 115 \text{ r} 1 \]

7) A coat factory had 809 coats. If they wanted to put them into 5 boxes, with the same number of coats in each box, how many extra coats would they have left over?

\[ 809 \div 5 = 161 \text{ r} 4 \]

8) A truck can hold 8 boxes. If you needed to move 681 boxes across town, how many trips would you need to make?

\[ 681 \div 8 = 85 \text{ r} 1 \]

9) Wendy had 713 photos to put into a photo album. If each page holds 4 photos, how many full pages will she have?

\[ 713 \div 4 = 178 \text{ r} 1 \]

10) Gwen wanted to drink exactly 7 bottles of water each day, so she bought 715 bottles when they were on sale. How many more bottles will she need to buy on the last day?

\[ 715 \div 7 = 102 \text{ r} 1 \]
1) A box can hold 5 brownies. If a baker made 977 brownies, how many full boxes of brownies did he make?

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Solve each problem.

1) A botanist picked 261 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?

2) A store owner had 7 employees and bought 764 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?

3) Haley wanted to drink exactly 6 bottles of water each day, so she bought 847 bottles when they were on sale. How many more bottles will she need to buy on the last day?

4) A restaurant needs to buy 478 new plates. If each box has 5 plates in it, how many boxes will they need to buy?

5) A coat factory had 636 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?

6) A grocery store needed 631 cans of peas. If the peas come in boxes with 2 cans in each box, how many boxes would they need to order?

7) A box of cupcakes cost $7. If you had 660 dollars and bought as many boxes as you could, how much money would you have left?

8) Victor had 329 baseball cards he's putting into a binder with 4 on each page. How many cards will he have on the page that isn't full?

9) A vat of orange juice was 821 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?

10) A movie theater needed 539 popcorn buckets. If each package has 4 buckets in it, how many packages will they need to buy?

Answers

1. __________
2. __________
3. __________
4. __________
5. __________
6. __________
7. __________
8. __________
9. __________
10. __________
### Division Word Problems (3÷1 w/ Remainder)

**Solve each problem.**

1. A botanist picked 261 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?
   \[261 \div 6 = 43 \text{ r}3\]

2. A store owner had 7 employees and bought 764 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?
   \[764 \div 7 = 109 \text{ r}1\]

3. Haley wanted to drink exactly 6 bottles of water each day, so she bought 847 bottles when they were on sale. How many more bottles will she need to buy on the last day?
   \[847 \div 6 = 141 \text{ r}1\]

4. A restaurant needs to buy 478 new plates. If each box has 5 plates in it, how many boxes will they need to buy?
   \[478 \div 5 = 95 \text{ r}3\]

5. A coat factory had 636 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?
   \[636 \div 9 = 70 \text{ r}6\]

6. A grocery store needed 631 cans of peas. If the peas come in boxes with 2 cans in each box, how many boxes would they need to order?
   \[631 \div 2 = 315 \text{ r}1\]

7. A box of cupcakes cost $7. If you had 660 dollars and bought as many boxes as you could, how much money would you have left?
   \[660 \div 7 = 94 \text{ r}2\]

8. Victor had 329 baseball cards he's putting into a binder with 4 on each page. How many cards will he have on the page that isn't full?
   \[329 \div 4 = 82 \text{ r}1\]

9. A vat of orange juice was 821 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?
   \[821 \div 6 = 136 \text{ r}5\]

10. A movie theater needed 539 popcorn buckets. If each package has 4 buckets in it, how many packages will they need to buy?
    \[539 \div 4 = 134 \text{ r}3\]

### Answers

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Solve each problem.

1) Haley had 403 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?

2) Victor had 254 baseball cards he's putting into a binder with 9 on each page. How many cards will he have on the page that isn't full?

3) A builder needed to buy 309 boards for his latest project. If the boards he needs come in packs of 8, how many packages will he need to buy?

4) A food company has 919 kilograms of food to put into boxes. If each box gets exactly 3 kilograms, how many full boxes will they have?

5) A baker had 4 boxes for donuts. He ended up making 431 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

6) An airline has 644 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?

7) Each house a carpenter builds needs 7 sinks. If he bought 803 sinks, how many houses would that cover?

8) At the carnival, 9 friends bought 663 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?

9) A store owner had 4 employees and bought 315 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?

10) Sam was trying to beat his old score of 471 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?
## Division Word Problems (3÷1) w/ Remainder

<table>
<thead>
<tr>
<th>Solve each problem.</th>
<th>Answers</th>
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<tbody>
<tr>
<td>1) Haley had 403 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?</td>
<td>$403 \div 7 = 57 \text{ r}4$</td>
</tr>
<tr>
<td>2) Victor had 254 baseball cards he's putting into a binder with 9 on each page. How many cards will he have on the page that isn't full?</td>
<td>$254 \div 9 = 28 \text{ r}2$</td>
</tr>
<tr>
<td>3) A builder needed to buy 309 boards for his latest project. If the boards he needs come in packs of 8, how many packages will he need to buy?</td>
<td>$309 \div 8 = 38 \text{ r}5$</td>
</tr>
<tr>
<td>4) A food company has 919 kilograms of food to put into boxes. If each box gets exactly 3 kilograms, how many full boxes will they have?</td>
<td>$919 \div 3 = 306 \text{ r}1$</td>
</tr>
<tr>
<td>5) A baker had 4 boxes for donuts. He ended up making 431 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?</td>
<td>$431 \div 4 = 107 \text{ r}3$</td>
</tr>
<tr>
<td>6) An airline has 644 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?</td>
<td>$644 \div 9 = 71 \text{ r}5$</td>
</tr>
<tr>
<td>7) Each house a carpenter builds needs 7 sinks. If he bought 803 sinks, how many houses would that cover?</td>
<td>$803 \div 7 = 114 \text{ r}5$</td>
</tr>
<tr>
<td>8) At the carnival, 9 friends bought 663 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?</td>
<td>$663 \div 9 = 73 \text{ r}6$</td>
</tr>
<tr>
<td>9) A store owner had 4 employees and bought 315 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?</td>
<td>$315 \div 4 = 78 \text{ r}3$</td>
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<tr>
<td>10) Sam was trying to beat his old score of 471 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?</td>
<td>$471 \div 4 = 117 \text{ r}3$</td>
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Solve each problem.

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2) Victor had 254 baseball cards he's putting into a binder with 9 on each page. How many cards will he have on the page that isn't full?

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10) Sam was trying to beat his old score of 471 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?
Solve each problem.

1) A box can hold 2 brownies. If a baker made 351 brownies, how many full boxes of brownies did he make?

2) Debby had 178 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?

3) Adam has to sell 895 chocolate bars to win a trip. If each box contains 9 chocolate bars, how many boxes will he need to sell to win the trip?

4) A store owner had 4 employees and bought 818 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?

5) A new video game console needs 6 computer chips. If a machine can create 965 computer chips a day, how many video game consoles can be created in a day?

6) There are 683 students going to a trivia competition. If each school van can hold 8 students, how many vans will they need?

7) A movie store had 851 movies they were putting on 2 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

8) A recycling company had 609 pounds of material to sort. To make it easier they split them into boxes with each full box having 4 pounds, how many full boxes did they have?

9) A vase can hold 6 flowers. If a florist had 176 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

10) A botanist picked 152 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?
Division Word Problems (3÷1) w/ Remainder

Solve each problem.

1) A box can hold 2 brownies. If a baker made 351 brownies, how many full boxes of brownies did he make? 351 ÷ 2 = 175 r1

2) Debby had 178 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? 178 ÷ 7 = 25 r3

3) Adam has to sell 895 chocolate bars to win a trip. If each box contains 9 chocolate bars, how many boxes will he need to sell to win the trip? 895 ÷ 9 = 99 r4

4) A store owner had 4 employees and bought 818 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? 818 ÷ 4 = 204 r2

5) A new video game console needs 6 computer chips. If a machine can create 965 computer chips a day, how many video game consoles can be created in a day? 965 ÷ 6 = 160 r5

6) There are 683 students going to a trivia competition. If each school van can hold 8 students, how many vans will they need? 683 ÷ 8 = 85 r3

7) A movie store had 851 movies they were putting on 2 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? 851 ÷ 2 = 425 r1

8) A recycling company had 609 pounds of material to sort. To make it easier they split them into boxes with each full box having 4 pounds, how many full boxes did they have? 609 ÷ 4 = 152 r1

9) A vase can hold 6 flowers. If a florist had 176 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full? 176 ÷ 6 = 29 r2

10) A botanist picked 152 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? 152 ÷ 6 = 25 r2

Answers

1. 175
2. 3
3. 100
4. 2
5. 160
6. 86
7. 1
8. 152
9. 2
10. 4
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\[ 351 \div 2 = 175 \text{ r } 1 \]

2) Debby had 178 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?

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\[ 152 \div 6 = 25 \text{ r } 2 \]
1) A food company has 177 kilograms of food to put into boxes. If each box gets exactly 4 kilograms, how many full boxes will they have?

2) A builder needed to buy 884 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy?

3) Henry was trying to beat his old score of 173 points in a video game. If he scores exactly 9 points each round, how many rounds would he need to play to beat his old score?

4) A post office has 393 pieces of junk mail they want to split evenly between 4 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

5) A store owner had 4 employees and bought 977 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?

6) An industrial machine can make 611 crayons a day. If each box of crayons has 7 crayons in it, how many full boxes does the machine make a day?

7) A clown needed 577 balloons for a party he was going to, but the balloons only came in packs of 2. How many packs of balloons would he need to buy?

8) Cody's dad bought 314 meters of string. If he wanted to cut the string into pieces with each piece being 7 meters long, how many full sized pieces could he make?

9) At the carnival, 3 friends bought 601 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?

10) Nancy received 926 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?
1) A food company has 177 kilograms of food to put into boxes. If each box gets exactly 4 kilograms, how many full boxes will they have? $177 \div 4 = 44 \text{ r}1$

2) A builder needed to buy 884 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy? $884 \div 9 = 98 \text{ r}2$

3) Henry was trying to beat his old score of 173 points in a video game. If he scores exactly 9 points each round, how many rounds would he need to play to beat his old score? $173 \div 9 = 19 \text{ r}2$

4) A post office has 393 pieces of junk mail they want to split evenly between 4 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? $393 \div 4 = 98 \text{ r}1$

5) A store owner had 4 employees and bought 977 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? $977 \div 4 = 244 \text{ r}1$

6) An industrial machine can make 611 crayons a day. If each box of crayons has 7 crayons in it, how many full boxes does the machine make a day? $611 \div 7 = 87 \text{ r}2$

7) A clown needed 577 balloons for a party he was going to, but the balloons only came in packs of 2. How many packs of balloons would he need to buy? $577 \div 2 = 288 \text{ r}1$

8) Cody's dad bought 314 meters of string. If he wanted to cut the string into pieces with each piece being 7 meters long, how many full sized pieces could he make? $314 \div 7 = 44 \text{ r}6$

9) At the carnival, 3 friends bought 601 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? $601 \div 3 = 200 \text{ r}1$

10) Nancy received 926 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? $926 \div 7 = 132 \text{ r}2$
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Solve each problem.

1) Bianca had 551 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?

2) Henry has to sell 309 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?

3) A vase can hold 9 flowers. If a florist had 508 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

4) A food company has 463 kilograms of food to put into boxes. If each box gets exactly 3 kilograms, how many full boxes will they have?

5) Each house a carpenter builds needs 5 sinks. If he bought 222 sinks, how many houses would that cover?

6) Jerry wanted to give each of his 3 friends an equal amount of candy. At the store he bought 176 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

7) A machine in a candy company creates 803 pieces of candy a minute. If a small box of candy has 7 pieces in it how many full boxes does the machine make in a minute?

8) A coat factory had 298 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?

9) A grocery store needed 658 cans of peas. If the peas come in boxes with 4 cans in each box, how many boxes would they need to order?

10) At the carnival, 3 friends bought 212 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?
## Division Word Problems (3÷1) w/ Remainder

Name:  **Answer Key**

### Solve each problem.

1. Bianca had 551 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?  
   \[ 551 \div 6 = 91 \text{ r} 5 \]

2. Henry has to sell 309 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?  
   \[ 309 \div 4 = 77 \text{ r} 1 \]

3. A vase can hold 9 flowers. If a florist had 508 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?  
   \[ 508 \div 9 = 56 \text{ r} 4 \]

4. A food company has 463 kilograms of food to put into boxes. If each box gets exactly 3 kilograms, how many full boxes will they have?  
   \[ 463 \div 3 = 154 \text{ r} 1 \]

5. Each house a carpenter builds needs 5 sinks. If he bought 222 sinks, how many houses would that cover?  
   \[ 222 \div 5 = 44 \text{ r} 2 \]

6. Jerry wanted to give each of his 3 friends an equal amount of candy. At the store he bought 176 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?  
   \[ 176 \div 3 = 58 \text{ r} 2 \]

7. A machine in a candy company creates 803 pieces of candy a minute. If a small box of candy has 7 pieces in it how many full boxes does the machine make in a minute?  
   \[ 803 \div 7 = 114 \text{ r} 5 \]

8. A coat factory had 298 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?  
   \[ 298 \div 3 = 99 \text{ r} 1 \]

9. A grocery store needed 658 cans of peas. If the peas come in boxes with 4 cans in each box, how many boxes would they need to order?  
   \[ 658 \div 4 = 164 \text{ r} 2 \]

10. At the carnival, 3 friends bought 212 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?  
    \[ 212 \div 3 = 70 \text{ r} 2 \]
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Solve each problem.

1) A flash drive could hold 4 gigs of data. If you needed to store 149 gigs, how many flash drive would you need?

2) It takes 8 apples to make an apple pie. If a chef bought 749 apples, the last pie would need how many more apples?

3) Will wanted to give each of his 7 friends an equal amount of candy. At the store he bought 786 pieces total to give to them. How many more pieces should he have bought so he didn't have any extra?

4) It takes 5 grams of plastic to make a ruler. If a company had 912 grams of plastic, how many entire rulers could they make?

5) The roller coaster at the state fair costs 8 tickets per ride. If you had 683 tickets, how many tickets would you have left if you rode it as many times as you could?

6) Bianca had 968 photos to put into a photo album. If each page holds 9 photos, how many full pages will she have?

7) A box of cupcakes cost $6. If you had 393 dollars and bought as many boxes as you could, how much money would you have left?

8) At the carnival, 8 friends bought 918 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?

9) There are 542 people attending a luncheon. If a table can hold 3 people, how many tables do they need?

10) A pizza store had 729 pieces of pepperoni to put on their pizzas. If each pizza got 4 pieces, how many extra pieces of pepperoni would they have?

Answers

1. 
2. 
3. 
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8. 
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10. 
Solve each problem.

1) A flash drive could hold 4 gigs of data. If you needed to store 149 gigs, how many flash drive would you need? 
   \[ 149 \div 4 = 37 \text{ r}1 \]

2) It takes 8 apples to make an apple pie. If a chef bought 749 apples, the last pie would need how many more apples? 
   \[ 749 \div 8 = 93 \text{ r}5 \]

3) Will wanted to give each of his 7 friends an equal amount of candy. At the store he bought 786 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 
   \[ 786 \div 7 = 112 \text{ r}2 \]

4) It takes 5 grams of plastic to make a ruler. If a company had 912 grams of plastic, how many entire rulers could they make? 
   \[ 912 \div 5 = 182 \text{ r}2 \]

5) The roller coaster at the state fair costs 8 tickets per ride. If you had 683 tickets, how many tickets would you have left if you rode it as many times as you could? 
   \[ 683 \div 8 = 85 \text{ r}3 \]

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   \[ 968 \div 9 = 107 \text{ r}5 \]

7) A box of cupcakes cost $6. If you had 393 dollars and bought as many boxes as you could, how much money would you have left? 
   \[ 393 \div 6 = 65 \text{ r}3 \]

8) At the carnival, 8 friends bought 918 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? 
   \[ 918 \div 8 = 114 \text{ r}6 \]

9) There are 542 people attending a luncheon. If a table can hold 3 people, how many tables do they need? 
   \[ 542 \div 3 = 180 \text{ r}2 \]

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Solve each problem.

1) A store owner had 6 employees and bought 381 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?

2) Tiffany wanted to drink exactly 8 bottles of water each day, so she bought 891 bottles when they were on sale. How many more bottles will she need to buy on the last day?

3) Cody's dad bought 241 meters of string. If he wanted to cut the string into pieces with each piece being 5 meters long, how many full sized pieces could he make?

4) A box can hold 9 brownies. If a baker made 710 brownies, how many full boxes of brownies did he make?

5) A clown needed 642 balloons for a party he was going to, but the balloons only came in packs of 4. How many packs of balloons would he need to buy?

6) At the carnival, 5 friends bought 148 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?

7) A recycling company had 876 pounds of material to sort. To make it easier they split them into boxes with each full box having 5 pounds, how many full boxes did they have?

8) A librarian had to pack 380 books into boxes. If each box can hold 8 books, how many boxes did she need?

9) Tom bought 452 pieces of candy to give to 7 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

10) There are 419 students going to a trivia competition. If each school van can hold 5 students, how many vans will they need?
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Solve each problem.

1) There are 637 students going to a trivia competition. If each school van can hold 8 students, how many vans will they need?

   \[ 637 \div 8 = 79 \text{ r}5 \]

2) A flash drive could hold 6 gigs of data. If you needed to store 682 gigs, how many flash drive would you need?

   \[ 682 \div 6 = 113 \text{ r}4 \]

3) A food company has 677 kilograms of food to put into boxes. If each box gets exactly 5 kilograms, how many full boxes will they have?

   \[ 677 \div 5 = 135 \text{ r}2 \]

4) Luke had 857 baseball cards he's putting into a binder with 8 on each page. How many cards will he have on the page that isn't full?

   \[ 857 \div 8 = 107 \text{ r}1 \]

5) A movie store had 709 movies they were putting on 6 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

   \[ 709 \div 6 = 118 \text{ r}1 \]

6) Ned has to sell 405 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?

   \[ 405 \div 6 = 67 \text{ r}3 \]

7) A recycling company had 822 pounds of material to sort. To make it easier they split them into boxes with each full box having 9 pounds, how many full boxes did they have?

   \[ 822 \div 9 = 91 \text{ r}3 \]

8) A vat of orange juice was 805 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?

   \[ 805 \div 9 = 89 \text{ r}4 \]

9) Emily received 398 dollars for her birthday. Later she found some toys that cost 5 dollars each. How much money would she have left if she bought as many as she could?

   \[ 398 \div 5 = 79 \text{ r}3 \]

10) A container can hold 4 orange slices. If a company had 533 orange slices to put into containers, how many more slices would they need to fill up the last container?

   \[ 533 \div 4 = 133 \text{ r}1 \]
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1) Lana had saved up 452 quarters and decided to spend them on sodas. If it costs 6 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

\[452 \div 6 = 75 \text{ r } 2\]

2) A librarian had to pack 193 books into boxes. If each box can hold 6 books, how many boxes did she need?

\[193 \div 6 = 32 \text{ r } 1\]

3) A container can hold 4 orange slices. If a company had 662 orange slices to put into containers, how many more slices would they need to fill up the last container?

\[662 \div 4 = 165 \text{ r } 2\]

4) Haley had 550 photos to put into a photo album. If each page holds 4 photos, how many full pages will she have?

\[550 \div 4 = 137 \text{ r } 2\]

5) An industrial machine can make 880 crayons a day. If each box of crayons has 3 crayons in it, how many full boxes does the machine make a day?

\[880 \div 3 = 293 \text{ r } 1\]

6) An airline has 172 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?

\[172 \div 8 = 21 \text{ r } 4\]

7) Kaleb had 148 pieces of candy. If he wants to split the candy into 6 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?

\[148 \div 6 = 24 \text{ r } 4\]

8) Edward was trying to beat his old score of 463 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?

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9) It takes 2 grams of plastic to make a ruler. If a company had 711 grams of plastic, how many entire rulers could they make?

\[711 \div 2 = 355 \text{ r } 1\]

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