



Use division to solve each problem.

- 1) Megan had fifteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?
- 2) A botanist picked seventeen flowers. She wanted to put them into five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 3) Each house a carpenter builds needs nine sinks. If he bought seventy-six sinks, how many houses would that cover?
- 4) A restaurant needs to buy forty-five new plates. If each box has eight plates in it, how many boxes will they need to buy?
- 5) A box of computer paper has sixty-one sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?
- 6) A baker had three boxes for donuts. He ended up making thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) Emily received five dollars for her birthday. Later she found some toys that cost two dollars each. How much money would she have left if she bought as many as she could?
- 8) At the carnival, two friends bought nineteen 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) Billy is trying to earn sixty-four dollars for some new toys. If he charges nine dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- 10) Ned had twenty-four baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full?

Answers

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- | | | <u>Answers</u> |
|---|----------------------------|----------------|
| 1) Megan had fifteen photos to put into a photo album. If each page holds two photos, how many full pages will she have? | $15 \div 2 = 7 \text{ r}1$ | 1. <u>7</u> |
| 2) A botanist picked seventeen flowers. She wanted to put them into five bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? | $17 \div 5 = 3 \text{ r}2$ | 2. <u>3</u> |
| 3) Each house a carpenter builds needs nine sinks. If he bought seventy-six sinks, how many houses would that cover? | $76 \div 9 = 8 \text{ r}4$ | 3. <u>8</u> |
| 4) A restaurant needs to buy forty-five new plates. If each box has eight plates in it, how many boxes will they need to buy? | $45 \div 8 = 5 \text{ r}5$ | 4. <u>6</u> |
| 5) A box of computer paper has sixty-one sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up? | $61 \div 9 = 6 \text{ r}7$ | 5. <u>6</u> |
| 6) A baker had three boxes for donuts. He ended up making thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? | $13 \div 3 = 4 \text{ r}1$ | 6. <u>1</u> |
| 7) Emily received five dollars for her birthday. Later she found some toys that cost two dollars each. How much money would she have left if she bought as many as she could? | $5 \div 2 = 2 \text{ r}1$ | 7. <u>1</u> |
| 8) At the carnival, two friends bought nineteen 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? | $19 \div 2 = 9 \text{ r}1$ | 8. <u>1</u> |
| 9) Billy is trying to earn sixty-four dollars for some new toys. If he charges nine dollars to mow a lawn, how many lawns will he need to mow to earn the money? | $64 \div 9 = 7 \text{ r}1$ | 9. <u>8</u> |
| 10) Ned had twenty-four baseball cards he's putting into a binder with seven on each page. How many cards will he have on the page that isn't full? | $24 \div 7 = 3 \text{ r}3$ | 10. <u>3</u> |



Use division to solve each problem.

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Answers

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Use division to solve each problem.

- 1) A school had forty-eight students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?
- 2) A machine in a candy company creates fifty-three pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?
- 3) A movie store had twenty-two movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 4) A recycling company had sixty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?
- 5) Luke was trying to beat his old score of seventeen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?
- 6) Isabel received sixteen dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?
- 7) George had seventeen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?
- 8) A food company has seventeen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?
- 9) A flash drive could hold eight gigs of data. If you needed to store thirty-five gigs, how many flash drive would you need?
- 10) Ned is trying to earn forty-four dollars for some new toys. If he charges five dollars to mow a lawn, how many lawns will he need to mow to earn the money?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) A school had forty-eight students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?	$48 \div 9 = 5 \text{ r}3$	1. <u>6</u>
2) A machine in a candy company creates fifty-three pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?	$53 \div 7 = 7 \text{ r}4$	2. <u>7</u>
3) A movie store had twenty-two movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$22 \div 4 = 5 \text{ r}2$	3. <u>2</u>
4) A recycling company had sixty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?	$69 \div 7 = 9 \text{ r}6$	4. <u>9</u>
5) Luke was trying to beat his old score of seventeen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?	$17 \div 2 = 8 \text{ r}1$	5. <u>9</u>
6) Isabel received sixteen dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	$16 \div 5 = 3 \text{ r}1$	6. <u>1</u>
7) George had seventeen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?	$17 \div 2 = 8 \text{ r}1$	7. <u>1</u>
8) A food company has seventeen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?	$17 \div 2 = 8 \text{ r}1$	8. <u>8</u>
9) A flash drive could hold eight gigs of data. If you needed to store thirty-five gigs, how many flash drive would you need?	$35 \div 8 = 4 \text{ r}3$	9. <u>5</u>
10) Ned is trying to earn forty-four dollars for some new toys. If he charges five dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$44 \div 5 = 8 \text{ r}4$	10. <u>9</u>



Use division to solve each problem.

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Answers

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Use division to solve each problem.

- 1) Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?
- 2) A container can hold four orange slices. If a company had twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?
- 4) A recycling company had seventy-four pounds of material to sort. To make it easier they split them into boxes with each full box having eight pounds, how many full boxes did they have?
- 5) At the carnival, six friends bought thirty-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?
- 6) A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?
- 7) A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?
- 8) Faye received thirty-nine 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?
- 9) Billy was trying to beat his old score of twenty-three 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?
- 10) A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?	$45 \div 7 = 6 \text{ r}3$	1. <u> 6 </u>
2) A container can hold four orange slices. If a company had twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?	$21 \div 4 = 5 \text{ r}1$	2. <u> 3 </u>
3) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?	$52 \div 9 = 5 \text{ r}7$	3. <u> 7 </u>
4) A recycling company had seventy-four pounds of material to sort. To make it easier they split them into boxes with each full box having eight pounds, how many full boxes did they have?	$74 \div 8 = 9 \text{ r}2$	4. <u> 9 </u>
5) At the carnival, six friends bought thirty-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?	$37 \div 6 = 6 \text{ r}1$	5. <u> 5 </u>
6) A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	$25 \div 3 = 8 \text{ r}1$	6. <u> 2 </u>
7) A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?	$16 \div 3 = 5 \text{ r}1$	7. <u> 6 </u>
8) Faye received thirty-nine 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?	$39 \div 4 = 9 \text{ r}3$	8. <u> 3 </u>
9) Billy was trying to beat his old score of twenty-three 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?	$23 \div 3 = 7 \text{ r}2$	9. <u> 8 </u>
10) A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?	$20 \div 7 = 2 \text{ r}6$	10. <u> 2 </u>



Use division to solve each problem.

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Use division to solve each problem.

- 1) A vat of orange juice was fifty-five 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?
- 2) Each house a carpenter builds needs nine sinks. If he bought thirty-two sinks, how many houses would that cover?
- 3) A recycling company had five pounds of material to sort. To make it easier they split them into boxes with each full box having two pounds, how many full boxes did they have?
- 4) Jerry wanted to give each of his two friends an equal amount of candy. At the store he bought seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 5) Luke bought thirty-two pieces of candy to give to nine of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 6) A baker had six boxes for donuts. He ended up making forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) An airline has fifty-three 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?
- 8) John had thirty-eight pieces of candy. If he wants to split the candy into four 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?
- 9) A flash drive could hold nine gigs of data. If you needed to store sixty-eight gigs, how many flash drive would you need?
- 10) It takes nine apples to make an apple pie. If a chef bought eighty-five apples, the last pie would need how many more apples?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) A vat of orange juice was fifty-five 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?	$55 \div 7 = 7 \text{ r}6$	1. <u>7</u>
2) Each house a carpenter builds needs nine sinks. If he bought thirty-two sinks, how many houses would that cover?	$32 \div 9 = 3 \text{ r}5$	2. <u>3</u>
3) A recycling company had five pounds of material to sort. To make it easier they split them into boxes with each full box having two pounds, how many full boxes did they have?	$5 \div 2 = 2 \text{ r}1$	3. <u>2</u>
4) Jerry wanted to give each of his two friends an equal amount of candy. At the store he bought seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$7 \div 2 = 3 \text{ r}1$	4. <u>1</u>
5) Luke bought thirty-two pieces of candy to give to nine of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$32 \div 9 = 3 \text{ r}5$	5. <u>5</u>
6) A baker had six boxes for donuts. He ended up making forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$47 \div 6 = 7 \text{ r}5$	6. <u>5</u>
7) An airline has fifty-three 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?	$53 \div 7 = 7 \text{ r}4$	7. <u>4</u>
8) John had thirty-eight pieces of candy. If he wants to split the candy into four 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?	$38 \div 4 = 9 \text{ r}2$	8. <u>2</u>
9) A flash drive could hold nine gigs of data. If you needed to store sixty-eight gigs, how many flash drive would you need?	$68 \div 9 = 7 \text{ r}5$	9. <u>8</u>
10) It takes nine apples to make an apple pie. If a chef bought eighty-five apples, the last pie would need how many more apples?	$85 \div 9 = 9 \text{ r}4$	10. <u>5</u>



Use division to solve each problem.

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Answers

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Use division to solve each problem.

- 1) A builder needed to buy twenty-eight boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?
- 2) Amy had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?
- 3) Kaleb had fifty-five pieces of candy. If he wants to split the candy into six 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?
- 4) A clown needed forty-four balloons for a party he was going to, but the balloons only came in packs of six. How many packs of balloons would he need to buy?
- 5) A cafeteria was putting milk cartons into stacks. They had sixty cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?
- 6) Frank has to sell thirty-eight chocolate bars to win a trip. If each box contains eight chocolate bars, how many boxes will he need to sell to win the trip?
- 7) The roller coaster at the state fair costs five tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) A post office has fourteen pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 9) A coat factory had eight 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?
- 10) Haley had fifty-four pennies. She wanted to place the pennies into seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

Answers

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Use **division** to solve each problem.

- | | | <u>Answers</u> |
|--|----------------------------|----------------|
| 1) A builder needed to buy twenty-eight boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy? | $28 \div 3 = 9 \text{ r}1$ | 1. <u>10</u> |
| 2) Amy had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have? | $13 \div 2 = 6 \text{ r}1$ | 2. <u>6</u> |
| 3) Kaleb had fifty-five pieces of candy. If he wants to split the candy into six 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? | $55 \div 6 = 9 \text{ r}1$ | 3. <u>5</u> |
| 4) A clown needed forty-four balloons for a party he was going to, but the balloons only came in packs of six. How many packs of balloons would he need to buy? | $44 \div 6 = 7 \text{ r}2$ | 4. <u>8</u> |
| 5) A cafeteria was putting milk cartons into stacks. They had sixty cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make? | $60 \div 8 = 7 \text{ r}4$ | 5. <u>7</u> |
| 6) Frank has to sell thirty-eight chocolate bars to win a trip. If each box contains eight chocolate bars, how many boxes will he need to sell to win the trip? | $38 \div 8 = 4 \text{ r}6$ | 6. <u>5</u> |
| 7) The roller coaster at the state fair costs five tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could? | $37 \div 5 = 7 \text{ r}2$ | 7. <u>2</u> |
| 8) A post office has fourteen pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? | $14 \div 6 = 2 \text{ r}2$ | 8. <u>2</u> |
| 9) A coat factory had eight 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? | $8 \div 3 = 2 \text{ r}2$ | 9. <u>2</u> |
| 10) Haley had fifty-four pennies. She wanted to place the pennies into seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal? | $54 \div 7 = 7 \text{ r}5$ | 10. <u>2</u> |



Use division to solve each problem.

Answers

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- 7) The roller coaster at the state fair costs five tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) A post office has fourteen pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 9) A coat factory had eight 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?
- 10) Haley had fifty-four pennies. She wanted to place the pennies into seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

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Use division to solve each problem.

- 1) At the carnival, four friends bought thirty-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?
- 2) Tom was trying to beat his old score of nineteen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?
- 3) It takes nine apples to make an apple pie. If a chef bought thirty-seven apples, the last pie would need how many more apples?
- 4) A school had eleven students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?
- 5) A builder needed to buy seventeen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?
- 6) A food company has twenty-nine kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?
- 7) A cafeteria was putting milk cartons into stacks. They had fifty-two cartons and were putting them into stacks with seven cartons in each stack. How many full stacks could they make?
- 8) A clown needed five balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?
- 9) The roller coaster at the state fair costs five tickets per ride. If you had twenty-three tickets, how many tickets would you have left if you rode it as many times as you could?
- 10) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) At the carnival, four friends bought thirty-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?	$35 \div 4 = 8 \text{ r}3$	1. <u>1</u>
2) Tom was trying to beat his old score of nineteen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?	$19 \div 2 = 9 \text{ r}1$	2. <u>10</u>
3) It takes nine apples to make an apple pie. If a chef bought thirty-seven apples, the last pie would need how many more apples?	$37 \div 9 = 4 \text{ r}1$	3. <u>8</u>
4) A school had eleven students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?	$11 \div 2 = 5 \text{ r}1$	4. <u>1</u>
5) A builder needed to buy seventeen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?	$17 \div 2 = 8 \text{ r}1$	5. <u>9</u>
6) A food company has twenty-nine kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	$29 \div 5 = 5 \text{ r}4$	6. <u>5</u>
7) A cafeteria was putting milk cartons into stacks. They had fifty-two cartons and were putting them into stacks with seven cartons in each stack. How many full stacks could they make?	$52 \div 7 = 7 \text{ r}3$	7. <u>7</u>
8) A clown needed five balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?	$5 \div 2 = 2 \text{ r}1$	8. <u>3</u>
9) The roller coaster at the state fair costs five tickets per ride. If you had twenty-three tickets, how many tickets would you have left if you rode it as many times as you could?	$23 \div 5 = 4 \text{ r}3$	9. <u>3</u>
10) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?	$52 \div 7 = 7 \text{ r}3$	10. <u>3</u>



Use division to solve each problem.

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Answers

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- 1) At the carnival, four friends bought thirty-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?
- 2) Tom was trying to beat his old score of nineteen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?
- 3) It takes nine apples to make an apple pie. If a chef bought thirty-seven apples, the last pie would need how many more apples?
- 4) A school had eleven students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?
- 5) A builder needed to buy seventeen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?
- 6) A food company has twenty-nine kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?
- 7) A cafeteria was putting milk cartons into stacks. They had fifty-two cartons and were putting them into stacks with seven cartons in each stack. How many full stacks could they make?
- 8) A clown needed five balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?
- 9) The roller coaster at the state fair costs five tickets per ride. If you had twenty-three tickets, how many tickets would you have left if you rode it as many times as you could?
- 10) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?



Use division to solve each problem.

- 1) Each house a carpenter builds needs six sinks. If he bought fifty-eight sinks, how many houses would that cover?
- 2) A botanist picked nine 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?
- 3) An airline has seventy-eight 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?
- 4) A movie theater needed twenty-seven popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?
- 5) A builder needed to buy thirty-one boards for his latest project. If the boards he needs come in packs of four, how many packages will he need to buy?
- 6) Isabel is making bead necklaces. She wants to use thirty-eight 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?
- 7) A truck can hold seven boxes. If you needed to move thirty-seven boxes across town, how many trips would you need to make?
- 8) John's dad bought thirty-three meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?
- 9) At the carnival, nine friends bought thirty-three 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) A post office has twenty-three pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) Each house a carpenter builds needs six sinks. If he bought fifty-eight sinks, how many houses would that cover?	$58 \div 6 = 9 \text{ r}4$	1. <u>9</u>
2) A botanist picked nine 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?	$9 \div 2 = 4 \text{ r}1$	2. <u>1</u>
3) An airline has seventy-eight 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?	$78 \div 8 = 9 \text{ r}6$	3. <u>6</u>
4) A movie theater needed twenty-seven popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	$27 \div 4 = 6 \text{ r}3$	4. <u>7</u>
5) A builder needed to buy thirty-one boards for his latest project. If the boards he needs come in packs of four, how many packages will he need to buy?	$31 \div 4 = 7 \text{ r}3$	5. <u>8</u>
6) Isabel is making bead necklaces. She wants to use thirty-eight 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?	$38 \div 4 = 9 \text{ r}2$	6. <u>2</u>
7) A truck can hold seven boxes. If you needed to move thirty-seven boxes across town, how many trips would you need to make?	$37 \div 7 = 5 \text{ r}2$	7. <u>6</u>
8) John's dad bought thirty-three meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?	$33 \div 8 = 4 \text{ r}1$	8. <u>4</u>
9) At the carnival, nine friends bought thirty-three 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?	$33 \div 9 = 3 \text{ r}6$	9. <u>3</u>
10) A post office has twenty-three pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$23 \div 6 = 3 \text{ r}5$	10. <u>5</u>



Use division to solve each problem.

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Answers

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Use division to solve each problem.

- 1) Megan received twenty-six dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?
- 2) It takes two grams of plastic to make a ruler. If a company had thirteen grams of plastic, how many entire rulers could they make?
- 3) A movie theater needed seventeen popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?
- 4) There are thirty people attending a luncheon. If a table can hold four people, how many tables do they need?
- 5) It takes six apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?
- 6) Each house a carpenter builds needs three sinks. If he bought seventeen sinks, how many houses would that cover?
- 7) A food company has forty-two kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?
- 8) John wanted to give each of his eight friends an equal amount of candy. At the store he bought seventy-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 9) A school had nineteen students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?
- 10) Haley is making bead necklaces. She wants to use twenty-one 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?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) Megan received twenty-six dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	$26 \div 5 = 5 \text{ r}1$	1. <u>1</u>
2) It takes two grams of plastic to make a ruler. If a company had thirteen grams of plastic, how many entire rulers could they make?	$13 \div 2 = 6 \text{ r}1$	2. <u>6</u>
3) A movie theater needed seventeen popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?	$17 \div 2 = 8 \text{ r}1$	3. <u>9</u>
4) There are thirty people attending a luncheon. If a table can hold four people, how many tables do they need?	$30 \div 4 = 7 \text{ r}2$	4. <u>8</u>
5) It takes six apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?	$28 \div 6 = 4 \text{ r}4$	5. <u>2</u>
6) Each house a carpenter builds needs three sinks. If he bought seventeen sinks, how many houses would that cover?	$17 \div 3 = 5 \text{ r}2$	6. <u>5</u>
7) A food company has forty-two kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	$42 \div 5 = 8 \text{ r}2$	7. <u>8</u>
8) John wanted to give each of his eight friends an equal amount of candy. At the store he bought seventy-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$75 \div 8 = 9 \text{ r}3$	8. <u>5</u>
9) A school had nineteen students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?	$19 \div 2 = 9 \text{ r}1$	9. <u>1</u>
10) Haley is making bead necklaces. She wants to use twenty-one 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?	$21 \div 4 = 5 \text{ r}1$	10. <u>1</u>



Use division to solve each problem.

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Use division to solve each problem.

- 1) It takes eight apples to make an apple pie. If a chef bought forty-seven apples, the last pie would need how many more apples?
- 2) A librarian had to pack twenty-six books into boxes. If each box can hold four books, how many boxes did she need?
- 3) A new video game console needs four computer chips. If a machine can create twenty-one computer chips a day, how many video game consoles can be created in a day?
- 4) A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?
- 5) An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?
- 6) A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have?
- 7) At the carnival, five friends bought forty-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?
- 8) A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have?
- 9) A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up?
- 10) Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) It takes eight apples to make an apple pie. If a chef bought forty-seven apples, the last pie would need how many more apples?	$47 \div 8 = 5 \text{ r}7$	1. <u>1</u>
2) A librarian had to pack twenty-six books into boxes. If each box can hold four books, how many boxes did she need?	$26 \div 4 = 6 \text{ r}2$	2. <u>7</u>
3) A new video game console needs four computer chips. If a machine can create twenty-one computer chips a day, how many video game consoles can be created in a day?	$21 \div 4 = 5 \text{ r}1$	3. <u>5</u>
4) A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?	$31 \div 7 = 4 \text{ r}3$	4. <u>5</u>
5) An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?	$57 \div 9 = 6 \text{ r}3$	5. <u>3</u>
6) A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have?	$56 \div 6 = 9 \text{ r}2$	6. <u>2</u>
7) At the carnival, five friends bought forty-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?	$41 \div 5 = 8 \text{ r}1$	7. <u>4</u>
8) A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have?	$78 \div 9 = 8 \text{ r}6$	8. <u>8</u>
9) A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up?	$66 \div 8 = 8 \text{ r}2$	9. <u>8</u>
10) Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score?	$46 \div 8 = 5 \text{ r}6$	10. <u>6</u>



Use division to solve each problem.

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Answers

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Use division to solve each problem.

- 1) A school had seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?
- 2) A movie theater needed seventeen popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?
- 3) Kaleb was trying to beat his old score of sixty-four 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) Jerry bought thirteen pieces of candy to give to two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 5) A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?
- 6) There are thirty-three students going to a trivia competition. If each school van can hold five students, how many vans will they need?
- 7) Emily is making bead necklaces. She wants to use fifty-seven beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 8) A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?
- 9) Billy's dad bought seventeen 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?
- 10) Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?

Answers

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Use division to solve each problem.

		<u>Answers</u>
1) A school had seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	$17 \div 3 = 5 \text{ r}2$	1. <u>1</u>
2) A movie theater needed seventeen popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	$17 \div 4 = 4 \text{ r}1$	2. <u>5</u>
3) Kaleb was trying to beat his old score of sixty-four 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?	$64 \div 7 = 9 \text{ r}1$	3. <u>10</u>
4) Jerry bought thirteen pieces of candy to give to two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$13 \div 2 = 6 \text{ r}1$	4. <u>1</u>
5) A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?	$33 \div 4 = 8 \text{ r}1$	5. <u>8</u>
6) There are thirty-three students going to a trivia competition. If each school van can hold five students, how many vans will they need?	$33 \div 5 = 6 \text{ r}3$	6. <u>7</u>
7) Emily is making bead necklaces. She wants to use fifty-seven beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$57 \div 8 = 7 \text{ r}1$	7. <u>1</u>
8) A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?	$38 \div 7 = 5 \text{ r}3$	8. <u>5</u>
9) Billy's dad bought seventeen 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?	$17 \div 3 = 5 \text{ r}2$	9. <u>5</u>
10) Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?	$60 \div 8 = 7 \text{ r}4$	10. <u>4</u>



Use division to solve each problem.

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Answers

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- 5) A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?
- 6) There are thirty-three students going to a trivia competition. If each school van can hold five students, how many vans will they need?
- 7) Emily is making bead necklaces. She wants to use fifty-seven beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 8) A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?
- 9) Billy's dad bought seventeen 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?
- 10) Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?