- 1) A clown needed thirty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would $32 \div 9 = 3 \text{ r5}$ he need to buy?

Answers

- 2) A movie store had twenty-three movies they were putting on seven shelves. If the owner wanted to make sure each shelf had the same number of $23 \div 7 = 3 \text{ r}2$ movies how many more movies would he need?
- 3) Roger 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 $23 \div 3 = 7 \text{ r}2$ he need to play to beat his old score?
- 4) Tiffany had fifteen photos to put into a photo album. If each page holds two $15 \div 2 = 7 \text{ r1}$ photos, how many full pages will she have?
- 5) It takes three apples to make an apple pie. If a chef bought twenty-six apples, the last pie would need how many more apples?

- 6) A botanist picked eighteen flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more should $18 \div 4 = 4 \text{ r}2$ she pick so she doesn't have any extra?

7) The roller coaster at the state fair costs four tickets per ride. If you had thirty-four tickets, how many tickets would you have left if you rode it as $34 \div 4 = 8 \text{ r}2$ many times as you could?

- 8) An industrial machine can make twenty-nine crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make $29 \div 4 = 7 \text{ r}1$ a day?
- 9) There are twenty-eight people attending a luncheon. If a table can hold five $28 \div 5 = 5 \text{ r3}$ people, how many tables do they need?
- **10)** A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with five cartons in each stack. $23 \div 5 = 4 \text{ r}3$ How many full stacks could they make?

- 1) A clown needed thirty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would $32 \div 9 = 3 \text{ r5}$ he need to buy?

- 2) A movie store had twenty-three movies they were putting on seven shelves. If the owner wanted to make sure each shelf had the same number of $23 \div 7 = 3 \text{ r}2$ movies how many more movies would he need?
- 3) Roger 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 $23 \div 3 = 7 \text{ r}2$ he need to play to beat his old score?
- 4) Tiffany had fifteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?

- 5) It takes three apples to make an apple pie. If a chef bought twenty-six apples, the last pie would need how many more apples?
- 6) A botanist picked eighteen flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more should $18 \div 4 = 4 \text{ r}2$ she pick so she doesn't have any extra?

- 7) The roller coaster at the state fair costs four tickets per ride. If you had thirty-four tickets, how many tickets would you have left if you rode it as many times as you could?
- $34 \div 4 = 8 \text{ r}2$
- 8) An industrial machine can make twenty-nine crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make $29 \div 4 = 7 \text{ r}1$ a day?
- 9) There are twenty-eight people attending a luncheon. If a table can hold five $28 \div 5 = 5 \text{ r3}$ people, how many tables do they need?
- 10) A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with five cartons in each stack. How many full stacks could they make?



Name:

7	6	8	2	5
4	7	4	2	1

- 1) A clown needed thirty-two 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?
 - $32 \div 9 = 3 \text{ r5}$
- 2) A movie store had twenty-three movies they were putting on seven shelves. If the owner wanted to make sure each shelf had the same number of 23÷7 = 3 r2 movies how many more movies would he need?
- 3) Roger 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 $23 \div 3 = 7 \text{ r}2$ he need to play to beat his old score?
- Tiffany had fifteen photos to put into a photo album. If each page holds two photos, how many full pages will she have? $15 \div 2 = 7 \text{ r1}$
- 5) It takes three apples to make an apple pie. If a chef bought twenty-six apples, the last pie would need how many more apples? $26 \div 3 = 8 \text{ r}2$
- 6) A botanist picked eighteen flowers. She wanted to put them into four bouquets with the same number of flowers in each. How many more should $18 \div 4 = 4 \text{ r}2$ she pick so she doesn't have any extra?
- 7) The roller coaster at the state fair costs four tickets per ride. If you had thirty-four tickets, how many tickets would you have left if you rode it as 34÷4 = 8 r2 many times as you could?
- 8) An industrial machine can make twenty-nine crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make 29÷4 = 7 r1 a day?
- 9) There are twenty-eight people attending a luncheon. If a table can hold five people, how many tables do they need? $28 \div 5 = 5 \text{ r}3$
- 10) A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with five cartons in each stack.
 23÷5 = 4 r3
 How many full stacks could they make?

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8.
- 9.
- 10. _____

 $13 \div 2 = 6 \text{ r}1$

 $17 \div 2 = 8 \text{ r}1$

Use the completed division problem to answer the question.

- 1) Henry wanted to give each of his three friends an equal amount of candy. At the store he bought twenty-two pieces total to give to them. He many $22 \div 3 = 7 \text{ r}1$ more pieces should he have bought so he didn't have any extra?

Answers

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

3) Mike has to sell thirteen 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?

- 4) At the carnival, three friends bought twenty-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more $25 \div 3 = 8 \text{ r}$ 1 tickets would they need to buy?

- 5) A post office has seventeen 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?
- 6) An industrial machine can make eighteen crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make $18 \div 4 = 4 \text{ r}2$ a day?

7) A vat of orange juice was seventy pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be $70 \div 9 = 7 \text{ r}$ 7 in each glass?

- 8) An airline has thirty-four 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?
 - $34 \div 9 = 3 \text{ r}$
- It takes eight grams of plastic to make a ruler. If a company had seventeen grams of plastic, how many entire rulers could they make?
 - $17 \div 8 = 2 \text{ r1}$
- 10) A coat factory had thirty-seven coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats $37 \div 8 = 4 \text{ r5}$ would they have left over?

- 1) Henry wanted to give each of his three friends an equal amount of candy. At the store he bought twenty-two pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
 - $22 \div 3 = 7 \text{ r}$ 1
- 2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need?

Answers

- 3) Mike has to sell thirteen chocolate bars to win a trip. If each box contains $13 \div 2 = 6 \text{ r}1$ two chocolate bars, how many boxes will he need to sell to win the trip?
- 4) At the carnival, three friends bought twenty-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more $25 \div 3 = 8 \text{ r}$ 1 tickets would they need to buy?
- 5) A post office has seventeen pieces of junk mail they want to split evenly between two mail trucks. How many extra pieces of junk mail will they $17 \div 2 = 8 \text{ r}1$ have if they give each truck the same amount?
- 6) An industrial machine can make eighteen crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make $18 \div 4 = 4 \text{ r}2$ a day?

7) A vat of orange juice was seventy pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be $70 \div 9 = 7 \text{ r}$ 7 in each glass?

- 8) An airline has thirty-four 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?
 - $34 \div 9 = 3 \text{ r}7$
- It takes eight grams of plastic to make a ruler. If a company had seventeen grams of plastic, how many entire rulers could they make?
 - $17 \div 8 = 2 \text{ r1}$
- 10) A coat factory had thirty-seven coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats $37 \div 8 = 4 \text{ r5}$ would they have left over?



Name:

2	2	5	4	1
7	4	7	7	2

- 1) Henry wanted to give each of his three friends an equal amount of candy. At the store he bought twenty-two pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- $22 \div 3 = 7 \text{ r}$ 1
- 2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need?
- 3) Mike has to sell thirteen 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?
- $13 \div 2 = 6 \text{ r1}$
- 4) At the carnival, three friends bought twenty-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?
 - $25 \div 3 = 8 \text{ r1}$
- 5) A post office has seventeen 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?
 - $17 \div 2 = 8 \text{ r}1$
- 6) An industrial machine can make eighteen crayons a day. If each box of crayons has four crayons in it, how many full boxes does the machine make $18 \div 4 = 4 \text{ r}2$ a day?
- 7) A vat of orange juice was seventy pints. If you wanted to pour the vat into nine glasses with the same amount in each glass, how many pints would be $70 \div 9 = 7 \text{ r}$ 7 in each glass?
- 8) An airline has thirty-four pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the $34 \div 9 = 3 \text{ r}$ 7 compartment that isn't full?
- 9) It takes eight grams of plastic to make a ruler. If a company had seventeen $17 \div 8 = 2 \text{ r1}$ grams of plastic, how many entire rulers could they make?
- 10) A coat factory had thirty-seven coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats $37 \div 8 = 4 \text{ r5}$ would they have left over?



- 1) It takes two grams of plastic to make a ruler. If a company had seven grams $7 \div 2 = 3 \text{ r1}$ of plastic, how many entire rulers could they make?
- Answers
- 1.
- 2.
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 10

make six necklaces. If she wants each necklace to have the same number of $25 \div 6 = 4 \text{ r1}$ beads, how many beads will she have left over?

2) Olivia is making bead necklaces. She wants to use twenty-five beads to

- 3) A new video game console needs three computer chips. If a machine can create seven computer chips a day, how many video game consoles can be 7÷3 = 2 r1 created in a day?
- 4) A school had twenty-one students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, $21 \div 5 = 4 \text{ r1}$ how many more students would need to sign up?
- 5) A coat factory had nineteen coats. If they wanted to put them into two boxes, with the same number of coats in each box, how many extra coats 19÷2 = 9 r1 would they have left over?
- 6) Amy had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have? $13 \div 2 = 6 \text{ r1}$
- 7) Mike had fifteen 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? $15 \div 4 = 3 \text{ r3}$
- 8) There are thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need? $37 \div 6 = 6 \text{ r1}$
- 9) Sarah received thirty-three dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if 33÷7 = 4 r5 she bought as many as she could?
- 10) Ned has to sell eleven chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip? $11 \div 5 = 2 \text{ r}$

Name:

Answer Key

Use the completed division problem to answer the question.

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

- 2) Olivia is making bead necklaces. She wants to use twenty-five beads to make six necklaces. If she wants each necklace to have the same number of $25 \div 6 = 4 \text{ r1}$ beads, how many beads will she have left over?
- 3) A new video game console needs three computer chips. If a machine can create seven computer chips a day, how many video game consoles can be $7 \div 3 = 2 \text{ r1}$ created in a day?
- 4) A school had twenty-one students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, $21 \div 5 = 4 \text{ r1}$
- how many more students would need to sign up?
- 5) A coat factory had nineteen coats. If they wanted to put them into two boxes, with the same number of coats in each box, how many extra coats $19 \div 2 = 9 \text{ r1}$ would they have left over?
- 6) Amy had thirteen photos to put into a photo album. If each page holds two $13 \div 2 = 6 \text{ r}1$ photos, how many full pages will she have?

- 7) Mike had fifteen 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 $15 \div 4 = 3 \text{ r}$ 3 would he need to make sure each bag had the same amount?
- 8) There are thirty-seven students going to a trivia competition. If each school $37 \div 6 = 6 \text{ r1}$ van can hold six students, how many vans will they need?
- 9) Sarah received thirty-three dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if $33 \div 7 = 4 \text{ r5}$ she bought as many as she could?
- 10) Ned has to sell eleven chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip?



Name:

4	1	3	3	1
7	1	5	2	6

- **Answers**
- 1) It takes two grams of plastic to make a ruler. If a company had seven grams of plastic, how many entire rulers could they make?
- 2) Olivia is making bead necklaces. She wants to use twenty-five beads to make six necklaces. If she wants each necklace to have the same number of $25 \div 6 = 4 \text{ r1}$ beads, how many beads will she have left over?
- 3) A new video game console needs three computer chips. If a machine can create seven computer chips a day, how many video game consoles can be $7 \div 3 = 2 \text{ r1}$ created in a day?
- 4) A school had twenty-one students sign up for the trivia teams. If they wanted to have five team, with the same number of students on each team, $21 \div 5 = 4 \text{ r1}$ how many more students would need to sign up?
- 5) A coat factory had nineteen coats. If they wanted to put them into two boxes, with the same number of coats in each box, how many extra coats $19 \div 2 = 9 \text{ r1}$ would they have left over?
- 6) Amy had thirteen photos to put into a photo album. If each page holds two $13 \div 2 = 6 \text{ r} 1$ photos, how many full pages will she have?

- 7) Mike had fifteen 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?
 - $15 \div 4 = 3 \text{ r}3$
- 8) There are thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need?
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- 9) Sarah received thirty-three dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if $33 \div 7 = 4 \text{ r5}$ she bought as many as she could?
- 10) Ned has to sell eleven chocolate bars to win a trip. If each box contains five $11 \div 5 = 2 \text{ r}$ chocolate bars, how many boxes will he need to sell to win the trip?

1)	A coat factory had eleven 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?

$$11 \div 3 = 3 \text{ r}2$$
 1.

Answers

$$47 \div 7 = 6 \text{ r5}$$

$$50 \div 6 = 8 \text{ r}2$$

$$19 \div 4 = 4 \text{ r}3$$

$$50 \div 6 = 8 \text{ r}2$$

6) The roller coaster at the state fair costs four tickets per ride. If you had ten tickets, how many tickets would you have left if you rode it as many times
$$10 \div 4 = 2 \text{ r}2$$
 as you could?

$$10 \div 4 = 2 \text{ r}2$$

- 7) A botanist picked eight flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick $8 \div 3 = 2 \text{ r}2$ so she doesn't have any extra?
- 8) A vat of orange juice was thirty-nine 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?

$$39 \div 4 = 9 \text{ r}3$$

9) Carol had saved up twenty-eight quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$$28 \div 3 = 9 \text{ r1}$$

10) Olivia wanted to drink exactly seven bottles of water each day, so she bought forty-five bottles when they were on sale. How many more bottles $45 \div 7 = 6 \text{ r}$ 3 will she need to buy on the last day?

- 1) A coat factory had eleven 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?
 - $11 \div 3 = 3 \text{ r}2$
- 2) A truck can hold seven boxes. If you needed to move forty-seven boxes across town, how many trips would you need to make?
- $47 \div 7 = 6 \text{ r5}$
- 3) Isabel had fifty songs on her mp3 player. If she wanted to put the songs equally into six different playlists, how many songs would she have left over?
- $50 \div 6 = 8 \text{ r}2$
- 4) A cafeteria was putting milk cartons into stacks. They had nineteen cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?
 - $19 \div 4 = 4 \text{ r}$
- 5) Cody is trying to earn fifty dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?
- $50 \div 6 = 8 \text{ r}2$
- 6) The roller coaster at the state fair costs four tickets per ride. If you had ten tickets, how many tickets would you have left if you rode it as many times 10÷4 = 2 r2 as you could?
- 7) A botanist picked eight flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick $8 \div 3 = 2 \text{ r}2$ so she doesn't have any extra?
- 8) A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints 39÷4 = 9 r3 would be in each glass?
- 9) Carol had saved up twenty-eight quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 10) Olivia wanted to drink exactly seven bottles of water each day, so she bought forty-five bottles when they were on sale. How many more bottles $45 \div 7 = 6 \text{ r}$ 3 will she need to buy on the last day?

- . ____2
- 2. **7**
- a. <u>2</u>
- . ____4
- 5. **9**
- 6. **2**
- 7. _____1
- . ____9
- 9. **2**
 -). **4**



Name:

Use the completed division problem to answer the question.

4	2	1	9	2
2	4	7	9	2

- 1) A coat factory had eleven 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?
- $11 \div 3 = 3 \text{ r}2$
- 2) A truck can hold seven boxes. If you needed to move forty-seven boxes across town, how many trips would you need to make?
- $47 \div 7 = 6 \text{ r5}$

- 3) Isabel had fifty songs on her mp3 player. If she wanted to put the songs equally into six different playlists, how many songs would she have left over?
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 - $19 \div 4 = 4 \text{ r}3$
- 5) Cody is trying to earn fifty dollars for some new toys. If he charges six dollars to mow a lawn, how many lawns will he need to mow to earn the money?
 - $50 \div 6 = 8 \text{ r}2$
- 6) The roller coaster at the state fair costs four tickets per ride. If you had ten tickets, how many tickets would you have left if you rode it as many times $10 \div 4 = 2 \text{ r}2$ as you could?
- 7) A botanist picked eight flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick $8 \div 3 = 2 \text{ r}2$ so she doesn't have any extra?
- 8) A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints $39 \div 4 = 9 \text{ r}3$ would be in each glass?
- 9) Carol had saved up twenty-eight quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how $28 \div 3 = 9 \text{ r}1$ many more quarters would she need to buy the final soda?
- 10) Olivia wanted to drink exactly seven bottles of water each day, so she bought forty-five bottles when they were on sale. How many more bottles $45 \div 7 = 6 \text{ r}3$ will she need to buy on the last day?

- 1) A new video game console needs two computer chips. If a machine can create eleven computer chips a day, how many video game consoles can be $11 \div 2 = 5 \text{ r}$ 1 created in a day?

- 2) Lana received twenty-three dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if $23 \div 3 = 7 \text{ r}2$ she bought as many as she could?
- 3) A botanist picked forty-six flowers. She wanted to put them into seven bouquets with the same number of flowers in each. How many more should $46 \div 7 = 6 \text{ r4}$ she pick so she doesn't have any extra?

- 4) Paul's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being four meters long, how many full sized pieces could he make?
- 5) At the carnival, six friends bought fifteen tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets $15 \div 6 = 2 \text{ r}$ 3 would they need to buy?

- 6) A school had twenty-two students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, $22 \div 4 = 5 \text{ r}2$ how many more students would need to sign up?

- 7) There are seventy-four students going to a trivia competition. If each school $74 \div 8 = 9 \text{ r}2$ van can hold eight students, how many vans will they need?

- 8) A builder needed to buy sixty-nine boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need $69 \div 7 = 9 \text{ r6}$
- to buy?
- 9) A truck can hold nine boxes. If you needed to move nineteen boxes across $19 \div 9 = 2 \text{ r1}$ town, how many trips would you need to make?
- 10) A post office has eight pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they $8 \div 3 = 2 \text{ r}2$ have if they give each truck the same amount?

1)	A new video game console needs two computer chips. If a machine can
	create eleven computer chips a day, how many video game consoles can be $11 \div 2 = 5 \text{ r}1$
	created in a day?

- 2) Lana received twenty-three dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if 23÷3 = 7 r2 she bought as many as she could?
- 3) A botanist picked forty-six flowers. She wanted to put them into seven bouquets with the same number of flowers in each. How many more should $46 \div 7 = 6 \text{ r4}$ she pick so she doesn't have any extra?
- 4) Paul's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being four meters long, how many full sized pieces could he make?

 14÷4 = 3 r2
- 5) At the carnival, six friends bought fifteen 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? $15 \div 6 = 2 \text{ r}$ 3
- 6) A school had twenty-two students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, $22 \div 4 = 5 \text{ r}2$ how many more students would need to sign up?
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- 8) A builder needed to buy sixty-nine boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need 69÷7 = 9 r6 to buy?
- 9) A truck can hold nine boxes. If you needed to move nineteen boxes across town, how many trips would you need to make? $19 \div 9 = 2 \text{ r1}$
- 10) A post office has eight pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they $8 \div 3 = 2 \text{ r}2$ have if they give each truck the same amount?

- 1. _____5
- 2 2
- . ____3
- 4. _____3
- 5. <u>3</u>
- 6. **2**
- 7. **10**
- 8. **10**
- 9. **3**
- 0. 2



Name:

Use the completed division problem to answer the question.

_					
\bigcap	10	3	2	5	10
	3	2	3	3	2

- 1) A new video game console needs two computer chips. If a machine can create eleven computer chips a day, how many video game consoles can be $11 \div 2 = 5 \text{ r1}$ created in a day?
- 2) Lana received twenty-three dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?
- 3) A botanist picked forty-six flowers. She wanted to put them into seven bouquets with the same number of flowers in each. How many more should $46 \div 7 = 6 \text{ r4}$ she pick so she doesn't have any extra?
- 4) Paul's dad bought fourteen meters of string. If he wanted to cut the string into pieces with each piece being four meters long, how many full sized $14 \div 4 = 3 \text{ r}2$ pieces could he make?
- 5) At the carnival, six friends bought fifteen tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets $15 \div 6 = 2 \text{ r}$ 3 would they need to buy?
- 6) A school had twenty-two students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, $22 \div 4 = 5 \text{ r}2$ how many more students would need to sign up?

- 7) There are seventy-four students going to a trivia competition. If each school $74 \div 8 = 9 \text{ r}2$ van can hold eight students, how many vans will they need?
- 8) A builder needed to buy sixty-nine boards for his latest project. If the boards he needs come in packs of seven, how many packages will he need $69 \div 7 = 9 \text{ r6}$ to buy?
- 9) A truck can hold nine boxes. If you needed to move nineteen boxes across $19 \div 9 = 2 \text{ r1}$ town, how many trips would you need to make?
- 10) A post office has eight pieces of junk mail they want to split evenly between three mail trucks. How many extra pieces of junk mail will they $8 \div 3 = 2 \text{ r}2$ have if they give each truck the same amount?



- 1) Vanessa is making bead necklaces. She wants to use seventeen beads to make eight necklaces. If she wants each necklace to have the same number $17 \div 8 = 2 \text{ r1}$ of beads, how many beads will she have left over?

Answers

- 2) At the carnival, six friends bought fifty-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets $55 \div 6 = 9 \text{ r1}$ would they need to buy?
- 3) A cafeteria was putting milk cartons into stacks. They had twenty-seven cartons and were putting them into stacks with eight cartons in each stack. $27 \div 8 = 3 \text{ r}$ 3 How many full stacks could they make?

4) Mike had seventy pieces of candy. If he wants to split the candy into nine bags with the same amount of candy in each bag, how many more pieces

- $70 \div 9 = 7 \text{ r}7$ would he need to make sure each bag had the same amount?
- 5) There are seven students going to a trivia competition. If each school van can hold three students, how many vans will they need?
- 6) An airline has seventy-eight pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the $78 \div 9 = 8 \text{ r6}$ compartment that isn't full?
- 7) It takes three apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?
 - $28 \div 3 = 9 \text{ r}1$
- 8) A vat of orange juice was twenty-three pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?
 - $23 \div 5 = 4 \text{ r}3$
- 9) A builder needed to buy sixty-four boards for his latest project. If the boards he needs come in packs of nine, how many packages will he need to $64 \div 9 = 7 \text{ r1}$ buy?
- 10) A truck can hold six boxes. If you needed to move thirty-one boxes across $31 \div 6 = 5 \text{ r}1$ town, how many trips would you need to make?

6

1)	Vanessa is making bead necklaces. She wants to use seventeen beads to	
	make eight necklaces. If she wants each necklace to have the same number	$17 \div 8 = 2 \text{ r} 1$
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- 7) It takes three apples to make an apple pie. If a chef bought twenty-eight $28 \div 3 = 9 \text{ r}1$ apples, the last pie would need how many more apples?
- 8) A vat of orange juice was twenty-three pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints $23 \div 5 = 4 \text{ r}3$ would be in each glass?
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Name:

	1 1				
6	5	8	2	, 4	1
6	3	2	1	3	3

- 1) Vanessa is making bead necklaces. She wants to use seventeen beads to make eight necklaces. If she wants each necklace to have the same number $17 \div 8 = 2 \text{ r1}$ of beads, how many beads will she have left over?
- 2) At the carnival, six friends bought fifty-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets $55 \div 6 = 9 \text{ r}$ would they need to buy?
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- 5) There are seven students going to a trivia competition. If each school van can hold three students, how many vans will they need? $7 \div 3 = 2 \text{ r1}$
- 6) An airline has seventy-eight 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? $78 \div 9 = 8 \text{ r6}$
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- 1. _____
- 2. _____
 - 3. _____
- 4. _____
- 5. _____
- 6.
- 7.
- 8.
- 9.
- 10. _____



- 1) A movie store had fifty movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how $50 \div 6 = 8 \text{ r}2$ many more movies would he need?
- 2) There are thirteen students going to a trivia competition. If each school van can hold two students, how many vans will they need? $13 \div 2 = 6 \text{ r1}$
- 3) A baker had seven boxes for donuts. He ended up making forty donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? $40 \div 7 = 5 \text{ r5}$
- 4) A clown needed twenty-three balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would he 23÷4 = 5 r3 need to buy?
- 5) Sam was trying to beat his old score of twenty-three points in a video game. If he scores exactly six points each round, how many rounds would he need $23 \div 6 = 3 \text{ r5}$ to play to beat his old score?
- 6) Emily had thirty-two songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she have left over? $32 \div 7 = 4 \text{ r4}$
- 7) Sarah had fourteen pennies. She wanted to place the pennies into six stacks, with the same amount in each stack. How many more pennies would she $14 \div 6 = 2 \text{ r}2$ need so all the stacks would be equal?
- 8) A box can hold two brownies. If a baker made thirteen brownies, how many $13 \div 2 = 6 \text{ r1}$ full boxes of brownies did he make?
- 9) It takes seven grams of plastic to make a ruler. If a company had fifty-four grams of plastic, how many entire rulers could they make? $54 \div 7 = 7 \text{ r5}$
- 10) Katie had saved up twenty-five quarters and decided to spend them on sodas. If it costs three quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

 25÷3 = 8 r1



- 1. _____
- 2
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

Name:

Use the completed division problem to answer the question.

- 1) A movie store had fifty movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how $50 \div 6 = 8 \text{ r}2$ many more movies would he need?
- 2) There are thirteen students going to a trivia competition. If each school van can hold two students, how many vans will they need?
- 3) A baker had seven boxes for donuts. He ended up making forty donuts and splitting them evenly between the boxes. How many extra donuts did he $40 \div 7 = 5 \text{ r5}$ end up with?
- 4) A clown needed twenty-three balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would be $23 \div 4 = 5 \text{ r}$ 3 need to buy?
- 5) Sam was trying to beat his old score of twenty-three points in a video game. If he scores exactly six points each round, how many rounds would he need $23 \div 6 = 3 \text{ r}$ 5 to play to beat his old score?
- 6) Emily had thirty-two songs on her mp3 player. If she wanted to put the songs equally into seven different playlists, how many songs would she $32 \div 7 = 4 \text{ r4}$ have left over?
- 7) Sarah had fourteen pennies. She wanted to place the pennies into six stacks, with the same amount in each stack. How many more pennies would she $14 \div 6 = 2 \text{ r}2$ need so all the stacks would be equal?
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- 9) It takes seven grams of plastic to make a ruler. If a company had fifty-four $54 \div 7 = 7 \text{ r5}$ grams of plastic, how many entire rulers could they make?
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Math



Name:

7	4	6	6	4
2	4	5	4	7

- 1) A movie store had fifty movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how $50 \div 6 = 8 \text{ r}2$ many more movies would he need?
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- 1.
- 2.
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7.
- 8.
- 9. _____
- 10. ____

- 1) A flash drive could hold eight gigs of data. If you needed to store forty-three gigs, how many flash drive would you need?
- $43 \div 8 = 5 \text{ r}3$

 $7 \div 3 = 2 \text{ r1}$

- 2
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
 - 8. _____
- 9.
- 10. _____

- 2) Haley had twenty-one pennies. She wanted to place the pennies into five stacks, with the same amount in each stack. How many more pennies would $21 \div 5 = 4 \text{ r1}$ she need so all the stacks would be equal?
- 3) A truck can hold three boxes. If you needed to move seven boxes across town, how many trips would you need to make?
- 4) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-nine tickets, how many tickets would you have left if you rode it as 29÷7 = 4 r1 many times as you could?
- 5) An industrial machine can make eighty-six crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make 86÷9 = 9 r5 a day?
- 6) A baker had five boxes for donuts. He ended up making forty-six donuts and splitting them evenly between the boxes. How many extra donuts did $46 \div 5 = 9 \text{ r1}$ he end up with?
- 7) A librarian had to pack nineteen books into boxes. If each box can hold three books, how many boxes did she need? $19 \div 3 = 6 \text{ r1}$
- 8) It takes five apples to make an apple pie. If a chef bought twelve apples, the last pie would need how many more apples? $12 \div 5 = 2 \text{ r}2$
- 9) Henry's dad bought seventy-nine meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full 79÷8 = 9 r7 sized pieces could he make?
- 10) Tom wanted to give each of his four friends an equal amount of candy. At the store he bought twenty-one pieces total to give to them. He many more $21 \div 4 = 5 \text{ r1}$ pieces should he have bought so he didn't have any extra?

1)	A flash drive could hold eight gigs of data. If you needed to store forty-	
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$$43 \div 8 = 5 \text{ r}3$$

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Answers

- 4) The roller coaster at the state fair costs seven tickets per ride. If you had twenty-nine tickets, how many tickets would you have left if you rode it as 29÷7 = 4 r1 many times as you could?
- 7 **7**
- 5) An industrial machine can make eighty-six crayons a day. If each box of crayons has nine crayons in it, how many full boxes does the machine make 86÷9 = 9 r5 a day?
- 6) A baker had five boxes for donuts. He ended up making forty-six donuts and splitting them evenly between the boxes. How many extra donuts did $46 \div 5 = 9 \text{ r1}$ he end up with?
- **3**

7) A librarian had to pack nineteen books into boxes. If each box can hold three books, how many boxes did she need? $19 \div 3 = 6 \text{ r1}$

- 8) It takes five apples to make an apple pie. If a chef bought twelve apples, the last pie would need how many more apples? $12 \div 5 = 2 \text{ r}2$
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_					
	3	9	1	9	3
	3	4	1	7	6

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Answers

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$$7 \div 3 = 2 \text{ r1}$$

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1)	At the carnival, three friends bought twenty-three tickets. If they wanted to	
	split all the tickets so each friend got the same amount, how many more	$23 \div 3 = 7 \text{ r} 2$
	tickets would they need to buy?	

Answers

- 2) A container can hold seven orange slices. If a company had forty-five orange slices to put into containers, how many more slices would they need $45 \div 7 = 6 \text{ r}$ 3 to fill up the last container?
- 3) Kaleb was trying to beat his old score of thirteen points in a video game. If he scores exactly three points each round, how many rounds would he need $13 \div 3 = 4 \text{ r1}$ to play to beat his old score?
- 4) A vat of orange juice was thirty-nine 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?

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

- 6) A machine in a candy company creates twenty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes $21 \div 6 = 3 \text{ r}$ does the machine make in a minute?

- 7) A librarian had to pack forty-five books into boxes. If each box can hold $45 \div 8 = 5 \text{ r5}$ eight books, how many boxes did she need?
- 8) An airline has fifteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?
 - $15 \div 2 = 7 \text{ r}1$
- 9) It takes three apples to make an apple pie. If a chef bought seventeen apples, the last pie would need how many more apples?
- $17 \div 3 = 5 \text{ r}2$
- 10) A baker had three boxes for donuts. He ended up making seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
 - $7 \div 3 = 2 \text{ r1}$

Use the completed	division	nroblem	to answer	the a	nestion.
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Name:

5	1	1	9	3
4	1	1	7	6

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- 1.
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many times as you could?

$$31 \div 5 = 6 \text{ r1}$$

2) A movie store had sixty-seven movies they were putting on nine shelves. If the owner wanted to make sure each shelf had the same number of movies $67 \div 9 = 7 \text{ r4}$ how many more movies would he need?

$$31 \div 5 = 6 \text{ r} 1$$

3) A box of computer paper has thirty-eight sheets left in it. If each printer in a $38 \div 9 = 4 \text{ r}2$ computer lab needed nine sheets how many printers would the box fill up?

- $61 \div 7 = 8 \text{ r5}$
- 5) Edward has to sell thirty-two chocolate bars to win a trip. If each box contains seven chocolate bars, how many boxes will he need to sell to win $32 \div 7 = 4 \text{ r4}$ the trip?

- 6) Katie had forty-seven photos to put into a photo album. If each page holds seven photos, how many full pages will she have?
- 7) A builder needed to buy twenty-seven boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to $27 \div 5 = 5 \text{ r}2$ buy?
- 8) A clown needed eighty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would $82 \div 9 = 9 \text{ r}1$ he need to buy?
- 9) An art museum had thirty-five pictures to split equally into four different exhibits. How many more pictures would they need to make sure each $35 \div 4 = 8 \text{ r}$ exhibit had the same amount?
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- 7) A builder needed to buy twenty-seven boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to $27 \div 5 = 5 \text{ r2}$ buy?
- 8) A clown needed eighty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would $82 \div 9 = 9 \text{ r1}$ he need to buy?
- 9) An art museum had thirty-five pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? $35 \div 4 = 8 \text{ r}$ 3
- 10) An airline has thirty-nine 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?

 39 \div 6 = 6 r3

- 1. **____6**
- 5
- . 4
- 5. _____5
- 5. <u>6</u>
- 7. <u>6</u>
- **10**
- 9. ____1
- **3**



Name:

Use the completed division problem to answer the question.

5	5	4	1	3
10	6	6	5	6

- 1) A vat of orange juice was thirty-one pints. If you wanted to pour the vat into five glasses with the same amount in each glass, how many pints would be in each glass?
- $31 \div 5 = 6 \text{ r}1$
- 2) A movie store had sixty-seven movies they were putting on nine shelves. If the owner wanted to make sure each shelf had the same number of movies $67 \div 9 = 7 \text{ r4}$ how many more movies would he need?
- 3) A box of computer paper has thirty-eight sheets left in it. If each printer in a $38 \div 9 = 4 \text{ r}2$ computer lab needed nine sheets how many printers would the box fill up?

The roller coaster at the state fair costs seven tickets per ride. If you had sixty-one tickets, how many tickets would you have left if you rode it as

6) Katie had forty-seven photos to put into a photo album. If each page holds

seven photos, how many full pages will she have?

many times as you could?

- $61 \div 7 = 8 \text{ r5}$
- 5) Edward has to sell thirty-two chocolate bars to win a trip. If each box contains seven chocolate bars, how many boxes will he need to sell to win $32 \div 7 = 4 \text{ r4}$ the trip?
 - $47 \div 7 = 6 \text{ r5}$
- 7) A builder needed to buy twenty-seven boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to $27 \div 5 = 5 \text{ r}2$ buy?
- 8) A clown needed eighty-two balloons for a party he was going to, but the balloons only came in packs of nine. How many packs of balloons would $82 \div 9 = 9 \text{ r}1$ he need to buy?
- 9) An art museum had thirty-five pictures to split equally into four different exhibits. How many more pictures would they need to make sure each $35 \div 4 = 8 \text{ r}3$ exhibit had the same amount?
- 10) An airline has thirty-nine pieces of luggage to put away. If each luggage compartment will hold six pieces of luggage, how many will be in the $39 \div 6 = 6 \text{ r}$ compartment that isn't full?