Name: _____

Use the completed division problem to answer the question.

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?

$32 \div 9 = 3$ r5

1. _____

2. _____

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 movies how many more movies would he need?

$23 \div 7 = 3$ r2

3. _____

4. _____

3) 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?

$23 \div 3 = 7$ r2

5. _____

6. _____

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

$15 \div 2 = 7$ r1

7. _____

8. _____

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?

$26 \div 3 = 8$ r2

9. _____

10. _____

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 she pick so she doesn't have any extra?

$18 \div 4 = 4$ r2

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?

$34 \div 4 = 8$ r2

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 a day?

$29 \div 4 = 7$ r1

9) There are twenty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?

$28 \div 5 = 5$ r3

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?

$23 \div 5 = 4$ r3

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Name: **Answer Key**

Use the completed division problem to answer the question.

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?

$32 \div 9 = 3$ r5

1. _____ **4**

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 movies how many more movies would he need?

$23 \div 7 = 3$ r2

2. _____ **5**

3. _____ **8**

3) 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?

$23 \div 3 = 7$ r2

4. _____ **7**

5. _____ **1**

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

$15 \div 2 = 7$ r1

6. _____ **2**

7. _____ **2**

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?

$26 \div 3 = 8$ r2

8. _____ **7**

9. _____ **6**

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 she pick so she doesn't have any extra?

$18 \div 4 = 4$ r2

10. _____ **4**

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?

$34 \div 4 = 8$ r2

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 a day?

$29 \div 4 = 7$ r1

9) There are twenty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?

$28 \div 5 = 5$ r3

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?

$23 \div 5 = 4$ r3

Understanding Division Problems

Name:

Use the completed division problem to answer the question.

Answers

7	6	8	2	5
4	7	4	2	1

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? $32 \div 9 = 3\ r5$

2. _____

3. _____

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 movies how many more movies would he need? $23 \div 7 = 3\ r2$

4. _____

5. _____

3) 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? $23 \div 3 = 7\ r2$

6. _____

7. _____

4) Carol had fifteen photos to put into a photo album. If each page holds two photos, how many full pages will she have? $15 \div 2 = 7\ r1$

8. _____

9. _____

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? $26 \div 3 = 8\ r2$

10. _____

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 she pick so she doesn't have any extra? $18 \div 4 = 4\ r2$

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? $34 \div 4 = 8\ r2$

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 a day? $29 \div 4 = 7\ r1$

9) There are twenty-eight people attending a luncheon. If a table can hold five people, how many tables do they need? $28 \div 5 = 5\ r3$

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? $23 \div 5 = 4\ r3$

Math

Modified
www.CommonCoreSheets.com

1

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Use the completed division problem to answer the question.

1) Paul 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? $22 \div 3 = 7 \text{ r}1$

1. _____

2. _____

2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need? $20 \div 6 = 3 \text{ r}2$

3. _____

4. _____

3) Cody 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? $13 \div 2 = 6 \text{ r}1$

5. _____

6. _____

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? $25 \div 3 = 8 \text{ r}1$

7. _____

8. _____

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

9. _____

10. _____

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 a day? $18 \div 4 = 4 \text{ r}2$

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 in each glass? $70 \div 9 = 7 \text{ r}7$

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? $34 \div 9 = 3 \text{ r}7$

9) 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? $17 \div 8 = 2 \text{ r}1$

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 would they have left over? $37 \div 8 = 4 \text{ r}5$

Name:

Use the completed division problem to answer the question.

1) Paul 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?

$22 \div 3 = 7 \text{ r}1$

1. _____**2**_____

2. _____**4**_____

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

$20 \div 6 = 3 \text{ r}2$

3. _____**7**_____

4. _____**2**_____

3) Cody 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?

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

5. _____**1**_____

6. _____**4**_____

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?

$25 \div 3 = 8 \text{ r}1$

7. _____**7**_____

8. _____**7**_____

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?

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

9. _____**2**_____

10. _____**5**_____

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 a day?

$18 \div 4 = 4 \text{ r}2$

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 in each glass?

$70 \div 9 = 7 \text{ r}7$

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?

$34 \div 9 = 3 \text{ r}7$

9) 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?

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

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 would they have left over?

$37 \div 8 = 4 \text{ r}5$

1-10	90	80	70	60	50	40	30	20	10	0

Name:

Use the completed division problem to answer the question.

2	2	5	4	1
7	4	7	7	2

1. _____

1) Paul 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? $22 \div 3 = 7\ r1$

2. _____

3. _____

2) A flash drive could hold six gigs of data. If you needed to store twenty gigs, how many flash drive would you need? $20 \div 6 = 3\ r2$

4. _____

5. _____

3) Cody 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? $13 \div 2 = 6\ r1$

6. _____

7. _____

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? $25 \div 3 = 8\ r1$

8. _____

9. _____

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? $17 \div 2 = 8\ r1$

10. _____

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 a day? $18 \div 4 = 4\ r2$

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 in each glass? $70 \div 9 = 7\ r7$

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? $34 \div 9 = 3\ r7$

9) 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? $17 \div 8 = 2\ r1$

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 would they have left over? $37 \div 8 = 4\ r5$

1-10	90	80	70	60	50	40	30	20	10	0

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?

$7 \div 2 = 3 \text{ r}1$

1. _____

2. _____

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 beads, how many beads will she have left over?

$25 \div 6 = 4 \text{ r}1$

3. _____

4. _____

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 created in a day?

$7 \div 3 = 2 \text{ r}1$

5. _____

6. _____

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, how many more students would need to sign up?

$21 \div 5 = 4 \text{ r}1$

7. _____

8. _____

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 would they have left over?

$19 \div 2 = 9 \text{ r}1$

9. _____

10. _____

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

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

7) Adam 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?

$37 \div 6 = 6 \text{ r}1$

9) Carol 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 she bought as many as she could?

$33 \div 7 = 4 \text{ r}5$

10) Tom 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?

$11 \div 5 = 2 \text{ r}1$

Name:

Use the completed division problem to answer the question.

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?

$7 \div 2 = 3\ r1$

1. _____ **3** _____

2. _____ **1** _____

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 beads, how many beads will she have left over?

$25 \div 6 = 4\ r1$

3. _____ **2** _____

4. _____ **4** _____

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 created in a day?

$7 \div 3 = 2\ r1$

5. _____ **1** _____

6. _____ **6** _____

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, how many more students would need to sign up?

$21 \div 5 = 4\ r1$

7. _____ **1** _____

8. _____ **7** _____

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 would they have left over?

$19 \div 2 = 9\ r1$

9. _____ **5** _____

10. _____ **3** _____

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

$13 \div 2 = 6\ r1$

7) Adam 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?

$15 \div 4 = 3\ r3$

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?

$37 \div 6 = 6\ r1$

9) Carol 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 she bought as many as she could?

$33 \div 7 = 4\ r5$

10) Tom 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?

$11 \div 5 = 2\ r1$

1-10	90	80	70	60	50	40	30	20	10	0

Understanding Division Problems

Name: _____

Use the completed division problem to answer the question.

4	1	3	3	1
7	1	5	2	6

1. _____

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?

$7 \div 2 = 3 \text{ r}1$

2. _____

3. _____

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 beads, how many beads will she have left over?

$25 \div 6 = 4 \text{ r}1$

4. _____

5. _____

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 created in a day?

$7 \div 3 = 2 \text{ r}1$

6. _____

7. _____

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, how many more students would need to sign up?

$21 \div 5 = 4 \text{ r}1$

8. _____

9. _____

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 would they have left over?

$19 \div 2 = 9 \text{ r}1$

10. _____

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

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

7) Adam 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?

$37 \div 6 = 6 \text{ r}1$

9) Carol 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 she bought as many as she could?

$33 \div 7 = 4 \text{ r}5$

10) Tom 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?

$11 \div 5 = 2 \text{ r}1$

1-10	90	80	70	60	50	40	30	20	10	0

Use the completed division problem to answer the question.

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? $11 \div 3 = 3$ r2

1. _____

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? $47 \div 7 = 6$ r5

3. _____

4. _____

3) Janet 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? $50 \div 6 = 8$ r2

5. _____

6. _____

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? $19 \div 4 = 4$ r3

7. _____

8. _____

5) Adam 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? $50 \div 6 = 8$ r2

9. _____

10. _____

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 as you could? $10 \div 4 = 2$ r2

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 so she doesn't have any extra? $8 \div 3 = 2$ r2

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? $39 \div 4 = 9$ r3

9) Paige 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? $28 \div 3 = 9$ r1

10) Bianca 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 will she need to buy on the last day? $45 \div 7 = 6$ r3

Name:

Use the completed division problem to answer the question.

Answers

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. ____**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?

$47 \div 7 = 6 \text{ r}5$

2. ____**7**____

3) Janet 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?

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

3. ____**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?

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

4. ____**4**____

5) Adam 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?

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

5. ____**9**____

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 as you could?

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

6. ____**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 so she doesn't have any extra?

$8 \div 3 = 2 \text{ r}2$

7. ____**1**____

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?

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

8. ____**9**____

9) Paige 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?

$28 \div 3 = 9 \text{ r}1$

9. ____**2**____

10) Bianca 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 will she need to buy on the last day?

$45 \div 7 = 6 \text{ r}3$

10. ____**4**____

Use the completed division problem to answer the question.

4	2	1	9	2
2	4	7	9	2

1. _____

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. _____

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?
$47 \div 7 = 6 \text{ r}5$

3. _____

4. _____

5. _____

3) Janet 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?
$50 \div 6 = 8 \text{ r}2$

6. _____

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

7. _____

8. _____

9. _____

5) Adam 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?
$50 \div 6 = 8 \text{ r}2$

10. _____

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 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 so she doesn't have any extra?
$8 \div 3 = 2 \text{ r}2$

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) Paige 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?
$28 \div 3 = 9 \text{ r}1$

10) Bianca 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 will she need to buy on the last day?
$45 \div 7 = 6 \text{ r}3$

Name: _____

Use the completed division problem to answer the question.

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 created in a day? $11 \div 2 = 5\ r1$

1. _____

2. _____

2) Rachel 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? $23 \div 3 = 7\ r2$

3. _____

4. _____

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 she pick so she doesn't have any extra? $46 \div 7 = 6\ r4$

5. _____

6. _____

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? $14 \div 4 = 3\ r2$

7. _____

8. _____

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? $15 \div 6 = 2\ r3$

9. _____

10. _____

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, how many more students would need to sign up? $22 \div 4 = 5\ r2$

7) There are seventy-four students going to a trivia competition. If each school van can hold eight students, how many vans will they need? $74 \div 8 = 9\ r2$

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 to buy? $69 \div 7 = 9\ r6$

9) A truck can hold nine boxes. If you needed to move nineteen boxes across town, how many trips would you need to make? $19 \div 9 = 2\ r1$

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 have if they give each truck the same amount? $8 \div 3 = 2\ r2$

Name:

Use the completed division problem to answer the question.

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 created in a day? $11 \div 2 = 5$ r1

1. _____**5**_____

2) Rachel 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? $23 \div 3 = 7$ r2

2. _____**2**_____

3. _____**3**_____

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 she pick so she doesn't have any extra? $46 \div 7 = 6$ r4

4. _____**3**_____

5. _____**3**_____

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? $14 \div 4 = 3$ r2

6. _____**2**_____

7. _____**10**_____

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? $15 \div 6 = 2$ r3

8. _____**10**_____

9. _____**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, how many more students would need to sign up? $22 \div 4 = 5$ r2

10. _____**2**_____

7) There are seventy-four students going to a trivia competition. If each school van can hold eight students, how many vans will they need? $74 \div 8 = 9$ r2

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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 have if they give each truck the same amount? $8 \div 3 = 2$ r2

Use the completed division problem to answer the question.

10	3	2	5	10
3	2	3	3	2

1. _____

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 created in a day? $11 \div 2 = 5\ r1$

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9. _____

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? $15 \div 6 = 2\ r3$

10. _____

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, how many more students would need to sign up? $22 \div 4 = 5\ r2$

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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 have if they give each truck the same amount? $8 \div 3 = 2\ r2$

Name: _____

Use the completed division problem to answer the question.

1) Debby is making bead necklaces. She wants to use seventeen 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?

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

1. _____

2. _____

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 would they need to buy?

$55 \div 6 = 9 \text{ r}1$

3. _____

4. _____

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. How many full stacks could they make?

$27 \div 8 = 3 \text{ r}3$

5. _____

6. _____

4) George 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 would he need to make sure each bag had the same amount?

$70 \div 9 = 7 \text{ r}7$

7. _____

8. _____

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

$7 \div 3 = 2 \text{ r}1$

9. _____

10. _____

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?

$78 \div 9 = 8 \text{ r}6$

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 buy?

$64 \div 9 = 7 \text{ r}1$

10) A truck can hold six boxes. If you needed to move thirty-one boxes across town, how many trips would you need to make?

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

1-10	90	80	70	60	50	40	30	20	10	0

Name:

Use the completed division problem to answer the question.

Answers

1) Debby is making bead necklaces. She wants to use seventeen 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?

$17 \div 8 = 2 \ r1$

1. _____ **1**

2. _____ **5**

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 would they need to buy?

$55 \div 6 = 9 \ r1$

3. _____ **3**

4. _____ **2**

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. How many full stacks could they make?

$27 \div 8 = 3 \ r3$

5. _____ **3**

6. _____ **6**

4) George 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 would he need to make sure each bag had the same amount?

$70 \div 9 = 7 \ r7$

7. _____ **2**

8. _____ **4**

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

$7 \div 3 = 2 \ r1$

9. _____ **8**

10. _____ **6**

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?

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$31 \div 6 = 5 \ r1$

Understanding Division Problems

Name:

Use the completed division problem to answer the question.

6	5	8	2	4
6	3	2	1	3

1. _____

2. _____

1) Debby is making bead necklaces. She wants to use seventeen 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?

$17 \div 8 = 2\ r1$

3. _____

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 would they need to buy?

$55 \div 6 = 9\ r1$

4. _____

5. _____

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. How many full stacks could they make?

$27 \div 8 = 3\ r3$

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7. _____

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$70 \div 9 = 7\ r7$

8. _____

9. _____

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10) A truck can hold six boxes. If you needed to move thirty-one boxes across town, how many trips would you need to make?

$31 \div 6 = 5\ r1$

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 many more movies would he need? $50 \div 6 = 8\ r2$

1. _____

2. _____

2) There are thirteen students going to a trivia competition. If each school van can hold two students, how many vans will they need? $13 \div 2 = 6\ r1$

3. _____

4. _____

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? $40 \div 7 = 5\ r5$

5. _____

6. _____

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 need to buy? $23 \div 4 = 5\ r3$

7. _____

8. _____

5) Adam 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 to play to beat his old score? $23 \div 6 = 3\ r5$

9. _____

10. _____

6) Olivia 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? $32 \div 7 = 4\ r4$

7) Maria 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 need so all the stacks would be equal? $14 \div 6 = 2\ r2$

8) A box can hold two brownies. If a baker made thirteen brownies, how many full boxes of brownies did he make? $13 \div 2 = 6\ r1$

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? $54 \div 7 = 7\ r5$

10) Haley 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? $25 \div 3 = 8\ r1$

1-10	90	80	70	60	50	40	30	20	10	0

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 many more movies would he need?

$50 \div 6 = 8\ r2$

1. _____ **4**

2. _____ **7**

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

$13 \div 2 = 6\ r1$

3. _____ **5**

4. _____ **6**

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?

$40 \div 7 = 5\ r5$

5. _____ **4**

6. _____ **4**

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 need to buy?

$23 \div 4 = 5\ r3$

7. _____ **4**

8. _____ **6**

5) Adam 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 to play to beat his old score?

$23 \div 6 = 3\ r5$

9. _____ **7**

10. _____ **2**

6) Olivia 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?

$32 \div 7 = 4\ r4$

7) Maria 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 need so all the stacks would be equal?

$14 \div 6 = 2\ r2$

8) A box can hold two brownies. If a baker made thirteen brownies, how many full boxes of brownies did he make?

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$25 \div 3 = 8\ r1$

1-10	90	80	70	60	50	40	30	20	10	0

Understanding Division Problems

Name:

Use the completed division problem to answer the question.

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 many more movies would he need? $50 \div 6 = 8\ r2$

2) There are thirteen students going to a trivia competition. If each school van can hold two students, how many vans will they need? $13 \div 2 = 6\ r1$

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? $40 \div 7 = 5\ r5$

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Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

Use the completed division problem to answer the question.

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?

$43 \div 8 = 5\ r3$

1. _____

2. _____

2) Rachel 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 she need so all the stacks would be equal?

$21 \div 5 = 4\ r1$

3. _____

4. _____

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

$7 \div 3 = 2\ r1$

5. _____

6. _____

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 many times as you could?

$29 \div 7 = 4\ r1$

7. _____

8. _____

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 a day?

$86 \div 9 = 9\ r5$

9. _____

10. _____

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 he end up with?

$46 \div 5 = 9\ r1$

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

$19 \div 3 = 6\ r1$

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?

$12 \div 5 = 2\ r2$

9) Ned'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 sized pieces could he make?

$79 \div 8 = 9\ r7$

10) John 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 pieces should he have bought so he didn't have any extra?

$21 \div 4 = 5\ r1$

Name:

Use the completed division problem to answer the question.

Answers

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?

$43 \div 8 = 5 \text{ r}3$

1. _____ **6**

2. _____ **4**

2) Rachel 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 she need so all the stacks would be equal?

$21 \div 5 = 4 \text{ r}1$

3. _____ **3**

4. _____ **1**

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

$7 \div 3 = 2 \text{ r}1$

5. _____ **9**

6. _____ **1**

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 many times as you could?

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7. _____ **7**

8. _____ **3**

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$86 \div 9 = 9 \text{ r}5$

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10. _____ **3**

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10) John 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 pieces should he have bought so he didn't have any extra?

$21 \div 4 = 5 \text{ r}1$

1-10	90	80	70	60	50	40	30	20	10	0

Use the completed division problem to answer the question.

3	9	1	9	3
3	4	1	7	6

1. _____

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? $43 \div 8 = 5$ r3

2. _____

3. _____

2) Rachel 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 she need so all the stacks would be equal? $21 \div 5 = 4$ r1

4. _____

5. _____

3) A truck can hold three boxes. If you needed to move seven boxes across town, how many trips would you need to make? $7 \div 3 = 2$ r1

6. _____

7. _____

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Use the completed division problem to answer the question.

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 tickets would they need to buy? $23 \div 3 = 7\ r2$

1. _____

2. _____

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 to fill up the last container? $45 \div 7 = 6\ r3$

3. _____

4. _____

3) Jerry 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 to play to beat his old score? $13 \div 3 = 4\ r1$

5. _____

6. _____

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? $39 \div 4 = 9\ r3$

7. _____

8. _____

5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy? $60 \div 9 = 6\ r6$

9. _____

10. _____

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 does the machine make in a minute? $21 \div 6 = 3\ r3$

7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need? $45 \div 8 = 5\ r5$

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? $15 \div 2 = 7\ r1$

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? $17 \div 3 = 5\ r2$

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? $7 \div 3 = 2\ r1$

Name:

Use the completed division problem to answer the question.

Answers

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 tickets would they need to buy? $23 \div 3 = 7$ r2

1. ____**1**____

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 to fill up the last container? $45 \div 7 = 6$ r3

2. ____**4**____

3. ____**5**____

3) Jerry 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 to play to beat his old score? $13 \div 3 = 4$ r1

4. ____**9**____

5. ____**7**____

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? $39 \div 4 = 9$ r3

6. ____**3**____

7. ____**6**____

5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy? $60 \div 9 = 6$ r6

8. ____**1**____

9. ____**1**____

10. ____**1**____

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 does the machine make in a minute? $21 \div 6 = 3$ r3

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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? $15 \div 2 = 7$ r1

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? $17 \div 3 = 5$ r2

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? $7 \div 3 = 2$ r1

1-10	90	80	70	60	50	40	30	20	10	0

Use the completed division problem to answer the question.

5	1	1	9	3
4	1	1	7	6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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 tickets would they need to buy? $23 \div 3 = 7 \text{ r}2$

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 to fill up the last container? $45 \div 7 = 6 \text{ r}3$

3) Jerry 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 to play to beat his old score? $13 \div 3 = 4 \text{ r}1$

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

5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy? $60 \div 9 = 6 \text{ r}6$

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 does the machine make in a minute? $21 \div 6 = 3 \text{ r}3$

7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need? $45 \div 8 = 5 \text{ r}5$

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? $7 \div 3 = 2 \text{ r}1$

Use the completed division problem to answer the question.

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? $31 \div 5 = 6 \ r1$

1. _____

2. _____

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 how many more movies would he need? $67 \div 9 = 7 \ r4$

3. _____

4. _____

3) A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up? $38 \div 9 = 4 \ r2$

5. _____

6. _____

4) 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 many times as you could? $61 \div 7 = 8 \ r5$

7. _____

8. _____

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 the trip? $32 \div 7 = 4 \ r4$

9. _____

10. _____

6) Nancy had forty-seven photos to put into a photo album. If each page holds seven photos, how many full pages will she have? $47 \div 7 = 6 \ r5$

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 buy? $27 \div 5 = 5 \ r2$

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 he need to buy? $82 \div 9 = 9 \ r1$

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? $35 \div 4 = 8 \ r3$

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? $39 \div 6 = 6 \ r3$

Use the completed division problem to answer the question.

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1. _____**6**_____

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4. _____**5**_____

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8. _____**10**_____

9. _____**1**_____

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10. _____**3**_____

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1-10	90	80	70	60	50	40	30	20	10	0

Name:

Use the completed division problem to answer the question.

5	5	4	1	3
10	6	6	5	6

1. _____

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