Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

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?

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?

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?

4) Carol 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 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?

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?

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

10) A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with five cartons in each stack. How many full stacks could they make?

Answers

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

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

Use division to solve each problem.

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÷9 = 3 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 movies how many more movies would he need? 23÷7 = 3 r2

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÷3 = 7 r2

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÷2 = 7 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÷3 = 8 r2

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÷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÷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÷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÷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÷5 = 4 r3

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

7	6	8	2	5
4	7	4	2	1

1) A clown needed 32 balloons for a party he was going to, but the balloons only came in packs of 9. How many packs of balloons would he need to buy?

2) A movie store had 23 movies they were putting on 7 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

3) Billy was trying to beat his old score of 23 points in a video game. If he scores exactly 3 points each round, how many rounds would he need to play to beat his old score?

4) Carol had 15 photos to put into a photo album. If each page holds 2 photos, how many full pages will she have?

5) It takes 3 apples to make an apple pie. If a chef bought 26 apples, the last pie would need how many more apples?

6) A botanist picked 18 flowers. She wanted to put them into 4 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

7) The roller coaster at the state fair costs 4 tickets per ride. If you had 34 tickets, how many tickets would you have left if you rode it as many times as you could?

8) An industrial machine can make 29 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?

9) There are 28 people attending a luncheon. If a table can hold 5 people, how many tables do they need?

10) A cafeteria was putting milk cartons into stacks. They had 23 cartons and were putting them into stacks with 5 cartons in each stack. How many full stacks could they make?

Answers

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

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

Use division to solve each problem.

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?

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) 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?

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?

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 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 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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷3 = 7 r1

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÷6 = 3 r2

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÷2 = 6 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÷3 = 8 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÷2 = 8 r1

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÷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÷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÷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÷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÷8 = 4 r5

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

2	2	5	4	1
7	4	7	7	2

1) Paul wanted to give each of his 3 friends an equal amount of candy. At the store he bought 22 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

2) A flash drive could hold 6 gigs of data. If you needed to store 20 gigs, how many flash drive would you need?

3) Cody has to sell 13 chocolate bars to win a trip. If each box contains 2 chocolate bars, how many boxes will he need to sell to win the trip?

4) At the carnival, 3 friends bought 25 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

5) A post office has 17 pieces of junk mail they want to split evenly between 2 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

6) An industrial machine can make 18 crayons a day. If each box of crayons has 4 crayons in it, how many full boxes does the machine make a day?

7) A vat of orange juice was 70 pints. If you wanted to pour the vat into 9 glasses with the same amount in each glass, how many pints would be in each glass?

8) An airline has 34 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 8 grams of plastic to make a ruler. If a company had 17 grams of plastic, how many entire rulers could they make?

10) A coat factory had 37 coats. If they wanted to put them into 8 boxes, with the same number of coats in each box, how many extra coats would they have left over?

Answers

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

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

Use division to solve each problem.

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 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 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, 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 would they have left over?

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

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?

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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷2 = 3 r1

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÷6 = 4 r1

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÷3 = 2 r1

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÷5 = 4 r1

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÷2 = 9 r1

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÷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÷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÷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÷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÷5 = 2 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

4	1	3	3	1
7	1	5	2	6

1) It takes 2 grams of plastic to make a ruler. If a company had 7 grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use 25 beads to make 6 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

3) A new video game console needs 3 computer chips. If a machine can create 7 computer chips a day, how many video game consoles can be created in a day?

4) A school had 21 students sign up for the trivia teams. If they wanted to have 5 team, with the same number of students on each team, how many more students would need to sign up?

5) A coat factory had 19 coats. If they wanted to put them into 2 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had 13 photos to put into a photo album. If each page holds 2 photos, how many full pages will she have?

7) Adam had 15 pieces of candy. If he wants to split the candy into 4 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are 37 students going to a trivia competition. If each school van can hold 6 students, how many vans will they need?

9) Carol received 33 dollars for her birthday. Later she found some toys that cost 7 dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell 11 chocolate bars to win a trip. If each box contains 5 chocolate bars, how many boxes will he need to sell to win the trip?

Answers

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

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

Use division to solve each problem.

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?

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?

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?

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?

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?

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?

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) 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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷3 = 3 r2

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÷7 = 6 r5

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÷6 = 8 r2

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÷4 = 4 r3

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÷6 = 8 r2

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÷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÷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÷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÷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÷7 = 6 r3

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

4	2	1	9	2
2	4	7	9	2

1) A coat factory had 11 coats. If they wanted to put them into 3 boxes, with the same number of coats in each box, how many extra coats would they have left over?

2) A truck can hold 7 boxes. If you needed to move 47 boxes across town, how many trips would you need to make?

3) Janet had 50 songs on her mp3 player. If she wanted to put the songs equally into 6 different playlists, how many songs would she have left over?

4) A cafeteria was putting milk cartons into stacks. They had 19 cartons and were putting them into stacks with 4 cartons in each stack. How many full stacks could they make?

5) Adam is trying to earn 50 dollars for some new toys. If he charges 6 dollars to mow a lawn, how many lawns will he need to mow to earn the money?

6) The roller coaster at the state fair costs 4 tickets per ride. If you had 10 tickets, how many tickets would you have left if you rode it as many times as you could?

7) A botanist picked 8 flowers. She wanted to put them into 3 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

8) A vat of orange juice was 39 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?

9) Paige had saved up 28 quarters and decided to spend them on sodas. If it costs 3 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

10) Bianca wanted to drink exactly 7 bottles of water each day, so she bought 45 bottles when they were on sale. How many more bottles will she need to buy on the last day?

Answers

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

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

Use division to solve each problem.

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?

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?

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?

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 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, how many more students would need to sign up?

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?

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?

9) A truck can hold nine boxes. If you needed to move nineteen boxes across 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 have if they give each truck the same amount?

Answers

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

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

Use division to solve each problem.

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÷2 = 5 r1

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÷3 = 7 r2

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÷7 = 6 r4

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÷6 = 2 r3

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÷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÷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÷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÷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÷3 = 2 r2

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

10	3	2	5	10
3	2	3	3	2

1) A new video game console needs 2 computer chips. If a machine can create 11 computer chips a day, how many video game consoles can be created in a day?

2) Rachel received 23 dollars for her birthday. Later she found some toys that cost 3 dollars each. How much money would she have left if she bought as many as she could?

3) A botanist picked 46 flowers. She wanted to put them into 7 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

4) Paul's dad bought 14 meters of string. If he wanted to cut the string into pieces with each piece being 4 meters long, how many full sized pieces could he make?

5) At the carnival, 6 friends bought 15 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

6) A school had 22 students sign up for the trivia teams. If they wanted to have 4 team, with the same number of students on each team, how many more students would need to sign up?

7) There are 74 students going to a trivia competition. If each school van can hold 8 students, how many vans will they need?

8) A builder needed to buy 69 boards for his latest project. If the boards he needs come in packs of 7, how many packages will he need to buy?

9) A truck can hold 9 boxes. If you needed to move 19 boxes across town, how many trips would you need to make?

10) A post office has 8 pieces of junk mail they want to split evenly between 3 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

Answers

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

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

Use division to solve each problem.

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?

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?

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?

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?

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 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?

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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷8 = 2 r1

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÷6 = 9 r1

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÷8 = 3 r3

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÷9 = 7 r7

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÷3 = 2 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÷9 = 8 r6

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÷3 = 9 r1

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÷5 = 4 r3

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÷9 = 7 r1

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÷6 = 5 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

6	5	8	2	4
6	3	2	1	3

1) Debby is making bead necklaces. She wants to use 17 beads to make 8 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

2) At the carnival, 6 friends bought 55 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

3) A cafeteria was putting milk cartons into stacks. They had 27 cartons and were putting them into stacks with 8 cartons in each stack. How many full stacks could they make?

4) George had 70 pieces of candy. If he wants to split the candy into 9 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

5) There are 7 students going to a trivia competition. If each school van can hold 3 students, how many vans will they need?

6) An airline has 78 pieces of luggage to put away. If each luggage compartment will hold 9 pieces of luggage, how many will be in the compartment that isn't full?

7) It takes 3 apples to make an apple pie. If a chef bought 28 apples, the last pie would need how many more apples?

8) A vat of orange juice was 23 pints. If you wanted to pour the vat into 5 glasses with the same amount in each glass, how many pints would be in each glass?

9) A builder needed to buy 64 boards for his latest project. If the boards he needs come in packs of 9, how many packages will he need to buy?

10) A truck can hold 6 boxes. If you needed to move 31 boxes across town, how many trips would you need to make?

Answers

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

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

Use division to solve each problem.

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?

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 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 he need to buy?

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?

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?

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?

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

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

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?

Answers

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

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

Use division to solve each problem.

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÷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÷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÷7 = 5 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 need to buy? 23÷4 = 5 r3

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÷6 = 3 r5

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÷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÷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÷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÷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÷3 = 8 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

7	4	6	6	4
2	4	5	4	7

1) A movie store had 50 movies they were putting on 6 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

2) There are 13 students going to a trivia competition. If each school van can hold 2 students, how many vans will they need?

3) A baker had 7 boxes for donuts. He ended up making 40 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

4) A clown needed 23 balloons for a party he was going to, but the balloons only came in packs of 4. How many packs of balloons would he need to buy?

5) Adam was trying to beat his old score of 23 points in a video game. If he scores exactly 6 points each round, how many rounds would he need to play to beat his old score?

6) Olivia had 32 songs on her mp3 player. If she wanted to put the songs equally into 7 different playlists, how many songs would she have left over?

7) Maria had 14 pennies. She wanted to place the pennies into 6 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

8) A box can hold 2 brownies. If a baker made 13 brownies, how many full boxes of brownies did he make?

9) It takes 7 grams of plastic to make a ruler. If a company had 54 grams of plastic, how many entire rulers could they make?

10) Haley had saved up 25 quarters and decided to spend them on sodas. If it costs 3 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

Answers

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

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

Use division to solve each problem.

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?

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?

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 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 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 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?

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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷8 = 5 r3

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÷5 = 4 r1

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÷3 = 2 r1

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÷7 = 4 r1

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÷9 = 9 r5

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÷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÷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÷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÷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÷4 = 5 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

3	9	1	9	3
3	4	1	7	6

1) A flash drive could hold 8 gigs of data. If you needed to store 43 gigs, how many flash drive would you need?

2) Rachel had 21 pennies. She wanted to place the pennies into 5 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

3) A truck can hold 3 boxes. If you needed to move 7 boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs 7 tickets per ride. If you had 29 tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make 86 crayons a day. If each box of crayons has 9 crayons in it, how many full boxes does the machine make a day?

6) A baker had 5 boxes for donuts. He ended up making 46 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

7) A librarian had to pack 19 books into boxes. If each box can hold 3 books, how many boxes did she need?

8) It takes 5 apples to make an apple pie. If a chef bought 12 apples, the last pie would need how many more apples?

9) Ned's dad bought 79 meters of string. If he wanted to cut the string into pieces with each piece being 8 meters long, how many full sized pieces could he make?

10) John wanted to give each of his 4 friends an equal amount of candy. At the store he bought 21 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

Answers

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

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

Use division to solve each problem.

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?

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?

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?

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 does the machine make in a minute?

7) A librarian had to pack forty-five books into boxes. If each box can hold 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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷3 = 7 r2

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÷7 = 6 r3

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÷3 = 4 r1

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÷4 = 9 r3

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÷9 = 6 r6

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÷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÷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÷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÷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÷3 = 2 r1

Answers

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

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

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

5	1	1	9	3
4	1	1	7	6

1) At the carnival, 3 friends bought 23 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

2) A container can hold 7 orange slices. If a company had 45 orange slices to put into containers, how many more slices would they need to fill up the last container?

3) Jerry was trying to beat his old score of 13 points in a video game. If he scores exactly 3 points each round, how many rounds would he need to play to beat his old score?

4) A vat of orange juice was 39 pints. If you wanted to pour the vat into 4 glasses with the same amount in each glass, how many pints would be in each glass?

5) A movie theater needed 60 popcorn buckets. If each package has 9 buckets in it, how many packages will they need to buy?

6) A machine in a candy company creates 21 pieces of candy a minute. If a small box of candy has 6 pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack 45 books into boxes. If each box can hold 8 books, how many boxes did she need?

8) An airline has 15 pieces of luggage to put away. If each luggage compartment will hold 2 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 3 apples to make an apple pie. If a chef bought 17 apples, the last pie would need how many more apples?

10) A baker had 3 boxes for donuts. He ended up making 7 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

Answers

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

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

Use division to solve each problem.

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?

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?

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?

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?

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?

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?

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?

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?

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?

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?

Answers

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

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

Use division to solve each problem.

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÷5 = 6 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 how many more movies would he need? 67÷9 = 7 r4

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÷9 = 4 r2

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÷7 = 8 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 the trip? 32÷7 = 4 r4

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÷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÷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÷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÷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÷6 = 6 r3

Answers

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

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

Division with Remainder (1 Digit Quotient) Name:

Use division to solve each problem.

5	5	4	1	3
10	6	6	5	6

1) A vat of orange juice was 31 pints. If you wanted to pour the vat into 5 glasses with the same amount in each glass, how many pints would be in each glass?

2) A movie store had 67 movies they were putting on 9 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

3) A box of computer paper has 38 sheets left in it. If each printer in a computer lab needed 9 sheets how many printers would the box fill up?

4) The roller coaster at the state fair costs 7 tickets per ride. If you had 61 tickets, how many tickets would you have left if you rode it as many times as you could?

5) Edward has to sell 32 chocolate bars to win a trip. If each box contains 7 chocolate bars, how many boxes will he need to sell to win the trip?

6) Nancy had 47 photos to put into a photo album. If each page holds 7 photos, how many full pages will she have?

7) A builder needed to buy 27 boards for his latest project. If the boards he needs come in packs of 5, how many packages will he need to buy?

8) A clown needed 82 balloons for a party he was going to, but the balloons only came in packs of 9. How many packs of balloons would he need to buy?

9) An art museum had 35 pictures to split equally into 4 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

10) An airline has 39 pieces of luggage to put away. If each luggage compartment will hold 6 pieces of luggage, how many will be in the compartment that isn't full?

Answers

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

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