Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A clown needed three hundred eleven balloons for a party he was going to, but the balloons only came in packs of thirty-five. How many packs of balloons would he need to buy?

2) A movie store had five hundred one movies they were putting on eleven 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 four hundred eighty-six points in a video game. If he scores exactly fifteen points each round, how many rounds would he need to play to beat his old score?

4) Carol had five hundred twenty-six photos to put into a photo album. If each page holds forty-seven photos, how many full pages will she have?

5) It takes thirty-two apples to make an apple pie. If a chef bought seven hundred forty apples, the last pie would need how many more apples?

6) A botanist picked three hundred forty-one flowers. She wanted to put them into twenty-eight 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 forty tickets per ride. If you had two hundred twenty-six tickets, how many tickets would you have left if you rode it as many times as you could?

8) An industrial machine can make four hundred seventy-three crayons a day. If each box of crayons has thirty-nine crayons in it, how many full boxes does the machine make a day?

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

10) A cafeteria was putting milk cartons into stacks. They had three hundred seventy cartons and were putting them into stacks with thirty-six 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A clown needed three hundred eleven balloons for a party he was going to, but the balloons only came in packs of thirty-five. How many packs of balloons would he need to buy? 311÷35 = 8 r31

2) A movie store had five hundred one movies they were putting on eleven shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? 501÷11 = 45 r6

3) Billy was trying to beat his old score of four hundred eighty-six points in a video game. If he scores exactly fifteen points each round, how many rounds would he need to play to beat his old score? 486÷15 = 32 r6

4) Carol had five hundred twenty-six photos to put into a photo album. If each page holds forty-seven photos, how many full pages will she have? 526÷47 = 11 r9

5) It takes thirty-two apples to make an apple pie. If a chef bought seven hundred forty apples, the last pie would need how many more apples? 740÷32 = 23 r4

6) A botanist picked three hundred forty-one flowers. She wanted to put them into twenty-eight bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 341÷28 = 12 r5

7) The roller coaster at the state fair costs forty tickets per ride. If you had two hundred twenty-six tickets, how many tickets would you have left if you rode it as many times as you could? 226÷40 = 5 r26

8) An industrial machine can make four hundred seventy-three crayons a day. If each box of crayons has thirty-nine crayons in it, how many full boxes does the machine make a day? 473÷39 = 12 r5

9) There are one hundred seventy-one people attending a luncheon. If a table can hold twenty-one people, how many tables do they need? 171÷21 = 8 r3

10) A cafeteria was putting milk cartons into stacks. They had three hundred seventy cartons and were putting them into stacks with thirty-six cartons in each stack. How many full stacks could they make? 370÷36 = 10 r10

Answers

1. **9**
2. **5**
3. **33**
4. **11**
5. **28**
6. **23**
7. **26**
8. **12**
9. **9**
10. **10**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

12	9	33	23	5
9	11	10	26	28

1) A clown needed 311 balloons for a party he was going to, but the balloons only came in packs of 35. How many packs of balloons would he need to buy?

2) A movie store had 501 movies they were putting on 11 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 486 points in a video game. If he scores exactly 15 points each round, how many rounds would he need to play to beat his old score?

4) Carol had 526 photos to put into a photo album. If each page holds 47 photos, how many full pages will she have?

5) It takes 32 apples to make an apple pie. If a chef bought 740 apples, the last pie would need how many more apples?

6) A botanist picked 341 flowers. She wanted to put them into 28 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 40 tickets per ride. If you had 226 tickets, how many tickets would you have left if you rode it as many times as you could?

8) An industrial machine can make 473 crayons a day. If each box of crayons has 39 crayons in it, how many full boxes does the machine make a day?

9) There are 171 people attending a luncheon. If a table can hold 21 people, how many tables do they need?

10) A cafeteria was putting milk cartons into stacks. They had 370 cartons and were putting them into stacks with 36 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) Paul wanted to give each of his thirty-nine friends an equal amount of candy. At the store he bought seven hundred eighty-seven 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 forty-three gigs of data. If you needed to store nine hundred thirty-seven gigs, how many flash drive would you need?

3) Cody has to sell two hundred seventy-three chocolate bars to win a trip. If each box contains forty-six chocolate bars, how many boxes will he need to sell to win the trip?

4) At the carnival, twenty-four friends bought seven hundred 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?

5) A post office has four hundred eight pieces of junk mail they want to split evenly between sixteen 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 one hundred sixty-eight crayons a day. If each box of crayons has twenty crayons in it, how many full boxes does the machine make a day?

7) A vat of orange juice was three hundred sixty-five pints. If you wanted to pour the vat into fifteen glasses with the same amount in each glass, how many pints would be in each glass?

8) An airline has five hundred ninety-two pieces of luggage to put away. If each luggage compartment will hold forty-three pieces of luggage, how many will be in the compartment that isn't full?

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

10) A coat factory had six hundred twenty-two coats. If they wanted to put them into forty-four 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) Paul wanted to give each of his thirty-nine friends an equal amount of candy. At the store he bought seven hundred eighty-seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 787÷39 = 20 r7

2) A flash drive could hold forty-three gigs of data. If you needed to store nine hundred thirty-seven gigs, how many flash drive would you need? 937÷43 = 21 r34

3) Cody has to sell two hundred seventy-three chocolate bars to win a trip. If each box contains forty-six chocolate bars, how many boxes will he need to sell to win the trip? 273÷46 = 5 r43

4) At the carnival, twenty-four friends bought seven hundred 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? 715÷24 = 29 r19

5) A post office has four hundred eight pieces of junk mail they want to split evenly between sixteen mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 408÷16 = 25 r8

6) An industrial machine can make one hundred sixty-eight crayons a day. If each box of crayons has twenty crayons in it, how many full boxes does the machine make a day? 168÷20 = 8 r8

7) A vat of orange juice was three hundred sixty-five pints. If you wanted to pour the vat into fifteen glasses with the same amount in each glass, how many pints would be in each glass? 365÷15 = 24 r5

8) An airline has five hundred ninety-two pieces of luggage to put away. If each luggage compartment will hold forty-three pieces of luggage, how many will be in the compartment that isn't full? 592÷43 = 13 r33

9) It takes eighteen grams of plastic to make a ruler. If a company had seven hundred twenty-six grams of plastic, how many entire rulers could they make? 726÷18 = 40 r6

10) A coat factory had six hundred twenty-two coats. If they wanted to put them into forty-four boxes, with the same number of coats in each box, how many extra coats would they have left over? 622÷44 = 14 r6

Answers

1. 32
2. 22
3. 6
4. 5
5. 8
6. 8
7. 24
8. 33
9. 40
10. 6

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

40	5	6	22	8
33	8	24	6	32

1) Paul wanted to give each of his 39 friends an equal amount of candy. At the store he bought 787 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 43 gigs of data. If you needed to store 937 gigs, how many flash drive would you need?

3) Cody has to sell 273 chocolate bars to win a trip. If each box contains 46 chocolate bars, how many boxes will he need to sell to win the trip?

4) At the carnival, 24 friends bought 715 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 408 pieces of junk mail they want to split evenly between 16 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 168 crayons a day. If each box of crayons has 20 crayons in it, how many full boxes does the machine make a day?

7) A vat of orange juice was 365 pints. If you wanted to pour the vat into 15 glasses with the same amount in each glass, how many pints would be in each glass?

8) An airline has 592 pieces of luggage to put away. If each luggage compartment will hold 43 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 18 grams of plastic to make a ruler. If a company had 726 grams of plastic, how many entire rulers could they make?

10) A coat factory had 622 coats. If they wanted to put them into 44 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

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

2) Olivia is making bead necklaces. She wants to use two hundred three beads to make twelve 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 twenty-six computer chips. If a machine can create seven hundred ten computer chips a day, how many video game consoles can be created in a day?

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

5) A coat factory had seven hundred thirty-six coats. If they wanted to put them into twenty-five boxes, with the same number of coats in each box, how many extra coats would they have left over?

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

7) Adam had nine hundred eighteen pieces of candy. If he wants to split the candy into forty-three 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 three hundred twenty students going to a trivia competition. If each school van can hold fourteen students, how many vans will they need?

9) Carol received five hundred seventy-seven dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell two hundred forty-three chocolate bars to win a trip. If each box contains eighteen 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) It takes twenty-seven grams of plastic to make a ruler. If a company had four hundred one grams of plastic, how many entire rulers could they make? 401÷27 = 14 r23

2) Olivia is making bead necklaces. She wants to use two hundred three beads to make twelve necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over? 203÷12 = 16 r11

3) A new video game console needs twenty-six computer chips. If a machine can create seven hundred ten computer chips a day, how many video game consoles can be created in a day? 710÷26 = 27 r8

4) A school had two hundred thirty-three students sign up for the trivia teams. If they wanted to have thirty-six team, with the same number of students on each team, how many more students would need to sign up? 233÷36 = 6 r17

5) A coat factory had seven hundred thirty-six coats. If they wanted to put them into twenty-five boxes, with the same number of coats in each box, how many extra coats would they have left over? 736÷25 = 29 r11

6) Haley had six hundred fifteen photos to put into a photo album. If each page holds fourteen photos, how many full pages will she have? 615÷14 = 43 r13

7) Adam had nine hundred eighteen pieces of candy. If he wants to split the candy into forty-three 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? 918÷43 = 21 r15

8) There are three hundred twenty students going to a trivia competition. If each school van can hold fourteen students, how many vans will they need? 320÷14 = 22 r12

9) Carol received five hundred seventy-seven dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could? 577÷20 = 28 r17

10) Tom has to sell two hundred forty-three chocolate bars to win a trip. If each box contains eighteen chocolate bars, how many boxes will he need to sell to win the trip? 243÷18 = 13 r9

Answers

1. **14**
2. **11**
3. **27**
4. **19**
5. **11**
6. **43**
7. **28**
8. **23**
9. **17**
10. **14**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

19	11	14	14	28
23	11	17	27	43

1) It takes 27 grams of plastic to make a ruler. If a company had 401 grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use 203 beads to make 12 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 26 computer chips. If a machine can create 710 computer chips a day, how many video game consoles can be created in a day?

4) A school had 233 students sign up for the trivia teams. If they wanted to have 36 team, with the same number of students on each team, how many more students would need to sign up?

5) A coat factory had 736 coats. If they wanted to put them into 25 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had 615 photos to put into a photo album. If each page holds 14 photos, how many full pages will she have?

7) Adam had 918 pieces of candy. If he wants to split the candy into 43 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 320 students going to a trivia competition. If each school van can hold 14 students, how many vans will they need?

9) Carol received 577 dollars for her birthday. Later she found some toys that cost 20 dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell 243 chocolate bars to win a trip. If each box contains 18 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

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

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

3) Janet had six hundred fifty-two songs on her mp3 player. If she wanted to put the songs equally into sixteen different playlists, how many songs would she have left over?

4) A cafeteria was putting milk cartons into stacks. They had three hundred eighty cartons and were putting them into stacks with thirty-six cartons in each stack. How many full stacks could they make?

5) Adam is trying to earn five hundred fifty-nine dollars for some new toys. If he charges forty 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 forty-two tickets per ride. If you had five hundred one tickets, how many tickets would you have left if you rode it as many times as you could?

7) A botanist picked two hundred eight flowers. She wanted to put them into eighteen 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 five hundred seventy-eight pints. If you wanted to pour the vat into twenty-five glasses with the same amount in each glass, how many pints would be in each glass?

9) Paige had saved up eight hundred sixty-four quarters and decided to spend them on sodas. If it costs forty-one 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 fourteen bottles of water each day, so she bought three hundred seventy-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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A coat factory had seven hundred thirty-two coats. If they wanted to put them into eleven boxes, with the same number of coats in each box, how many extra coats would they have left over? 732÷11 = 66 r6

2) A truck can hold thirty-eight boxes. If you needed to move five hundred one boxes across town, how many trips would you need to make? 501÷38 = 13 r7

3) Janet had six hundred fifty-two songs on her mp3 player. If she wanted to put the songs equally into sixteen different playlists, how many songs would she have left over? 652÷16 = 40 r12

4) A cafeteria was putting milk cartons into stacks. They had three hundred eighty cartons and were putting them into stacks with thirty-six cartons in each stack. How many full stacks could they make? 380÷36 = 10 r20

5) Adam is trying to earn five hundred fifty-nine dollars for some new toys. If he charges forty dollars to mow a lawn, how many lawns will he need to mow to earn the money? 559÷40 = 13 r39

6) The roller coaster at the state fair costs forty-two tickets per ride. If you had five hundred one tickets, how many tickets would you have left if you rode it as many times as you could? 501÷42 = 11 r39

7) A botanist picked two hundred eight flowers. She wanted to put them into eighteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 208÷18 = 11 r10

8) A vat of orange juice was five hundred seventy-eight pints. If you wanted to pour the vat into twenty-five glasses with the same amount in each glass, how many pints would be in each glass? 578÷25 = 23 r3

9) Paige had saved up eight hundred sixty-four quarters and decided to spend them on sodas. If it costs forty-one quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? 864÷41 = 21 r3

10) Bianca wanted to drink exactly fourteen bottles of water each day, so she bought three hundred seventy-five bottles when they were on sale. How many more bottles will she need to buy on the last day? 375÷14 = 26 r11

Answers

1. **6**
2. **14**
3. **12**
4. **10**
5. **14**
6. **39**
7. **8**
8. **23**
9. **38**
10. **3**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

10	38	8	23	39
6	3	14	14	12

1) A coat factory had 732 coats. If they wanted to put them into 11 boxes, with the same number of coats in each box, how many extra coats would they have left over?

2) A truck can hold 38 boxes. If you needed to move 501 boxes across town, how many trips would you need to make?

3) Janet had 652 songs on her mp3 player. If she wanted to put the songs equally into 16 different playlists, how many songs would she have left over?

4) A cafeteria was putting milk cartons into stacks. They had 380 cartons and were putting them into stacks with 36 cartons in each stack. How many full stacks could they make?

5) Adam is trying to earn 559 dollars for some new toys. If he charges 40 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 42 tickets per ride. If you had 501 tickets, how many tickets would you have left if you rode it as many times as you could?

7) A botanist picked 208 flowers. She wanted to put them into 18 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 578 pints. If you wanted to pour the vat into 25 glasses with the same amount in each glass, how many pints would be in each glass?

9) Paige had saved up 864 quarters and decided to spend them on sodas. If it costs 41 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 14 bottles of water each day, so she bought 375 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A new video game console needs thirty-seven computer chips. If a machine can create six hundred eighty-seven computer chips a day, how many video game consoles can be created in a day?

2) Rachel received seven hundred seventy-one dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could?

3) A botanist picked three hundred thirteen flowers. She wanted to put them into fourteen 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 three hundred fifty-six meters of string. If he wanted to cut the string into pieces with each piece being nineteen meters long, how many full sized pieces could he make?

5) At the carnival, twenty-six friends bought seven hundred seventy-two 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 six hundred thirteen students sign up for the trivia teams. If they wanted to have thirteen team, with the same number of students on each team, how many more students would need to sign up?

7) There are seven hundred students going to a trivia competition. If each school van can hold forty-nine students, how many vans will they need?

8) A builder needed to buy three hundred sixty-seven boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy?

9) A truck can hold forty-two boxes. If you needed to move two hundred fourteen boxes across town, how many trips would you need to make?

10) A post office has eight hundred eighty-one pieces of junk mail they want to split evenly between forty-two 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A new video game console needs thirty-seven computer chips. If a machine can create six hundred eighty-seven computer chips a day, how many video game consoles can be created in a day? 687÷37 = 18 r21

2) Rachel received seven hundred seventy-one dollars for her birthday. Later she found some toys that cost thirty-nine dollars each. How much money would she have left if she bought as many as she could? 771÷39 = 19 r30

3) A botanist picked three hundred thirteen flowers. She wanted to put them into fourteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 313÷14 = 22 r5

4) Paul's dad bought three hundred fifty-six meters of string. If he wanted to cut the string into pieces with each piece being nineteen meters long, how many full sized pieces could he make? 356÷19 = 18 r14

5) At the carnival, twenty-six friends bought seven hundred seventy-two 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? 772÷26 = 29 r18

6) A school had six hundred thirteen students sign up for the trivia teams. If they wanted to have thirteen team, with the same number of students on each team, how many more students would need to sign up? 613÷13 = 47 r2

7) There are seven hundred students going to a trivia competition. If each school van can hold forty-nine students, how many vans will they need? 700÷49 = 14 r14

8) A builder needed to buy three hundred sixty-seven boards for his latest project. If the boards he needs come in packs of forty-nine, how many packages will he need to buy? 367÷49 = 7 r24

9) A truck can hold forty-two boxes. If you needed to move two hundred fourteen boxes across town, how many trips would you need to make? 214÷42 = 5 r4

10) A post office has eight hundred eighty-one pieces of junk mail they want to split evenly between forty-two mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 881÷42 = 20 r41

Answers

1. 18
2. 30
3. 9
4. 18
5. 8
6. 11
7. 15
8. 8
9. 6
10. 41

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

8	18	41	18	15
9	30	6	8	11

1) A new video game console needs 37 computer chips. If a machine can create 687 computer chips a day, how many video game consoles can be created in a day?

2) Rachel received 771 dollars for her birthday. Later she found some toys that cost 39 dollars each. How much money would she have left if she bought as many as she could?

3) A botanist picked 313 flowers. She wanted to put them into 14 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 356 meters of string. If he wanted to cut the string into pieces with each piece being 19 meters long, how many full sized pieces could he make?

5) At the carnival, 26 friends bought 772 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 613 students sign up for the trivia teams. If they wanted to have 13 team, with the same number of students on each team, how many more students would need to sign up?

7) There are 700 students going to a trivia competition. If each school van can hold 49 students, how many vans will they need?

8) A builder needed to buy 367 boards for his latest project. If the boards he needs come in packs of 49, how many packages will he need to buy?

9) A truck can hold 42 boxes. If you needed to move 214 boxes across town, how many trips would you need to make?

10) A post office has 881 pieces of junk mail they want to split evenly between 42 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) Debby is making bead necklaces. She wants to use two hundred seventy-one beads to make twenty-six 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, forty-nine friends bought eight hundred thirty-eight 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 seven hundred eighty-eight cartons and were putting them into stacks with twenty-seven cartons in each stack. How many full stacks could they make?

4) George had four hundred seventy-eight pieces of candy. If he wants to split the candy into fifteen 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 four hundred ninety-five students going to a trivia competition. If each school van can hold eighteen students, how many vans will they need?

6) An airline has five hundred sixty-eight pieces of luggage to put away. If each luggage compartment will hold sixteen pieces of luggage, how many will be in the compartment that isn't full?

7) It takes twenty-five apples to make an apple pie. If a chef bought two hundred seventy-eight apples, the last pie would need how many more apples?

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

9) A builder needed to buy five hundred seventy-one boards for his latest project. If the boards he needs come in packs of thirty-nine, how many packages will he need to buy?

10) A truck can hold forty-five boxes. If you needed to move six hundred ninety-nine 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) Debby is making bead necklaces. She wants to use two hundred seventy-one beads to make twenty-six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over? 271÷26 = 10 r11

2) At the carnival, forty-nine friends bought eight hundred thirty-eight 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? 838÷49 = 17 r5

3) A cafeteria was putting milk cartons into stacks. They had seven hundred eighty-eight cartons and were putting them into stacks with twenty-seven cartons in each stack. How many full stacks could they make? 788÷27 = 29 r5

4) George had four hundred seventy-eight pieces of candy. If he wants to split the candy into fifteen 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? 478÷15 = 31 r13

5) There are four hundred ninety-five students going to a trivia competition. If each school van can hold eighteen students, how many vans will they need? 495÷18 = 27 r9

6) An airline has five hundred sixty-eight pieces of luggage to put away. If each luggage compartment will hold sixteen pieces of luggage, how many will be in the compartment that isn't full? 568÷16 = 35 r8

7) It takes twenty-five apples to make an apple pie. If a chef bought two hundred seventy-eight apples, the last pie would need how many more apples? 278÷25 = 11 r3

8) A vat of orange juice was four hundred nineteen pints. If you wanted to pour the vat into forty-four glasses with the same amount in each glass, how many pints would be in each glass? 419÷44 = 9 r23

9) A builder needed to buy five hundred seventy-one boards for his latest project. If the boards he needs come in packs of thirty-nine, how many packages will he need to buy? 571÷39 = 14 r25

10) A truck can hold forty-five boxes. If you needed to move six hundred ninety-nine boxes across town, how many trips would you need to make? 699÷45 = 15 r24

Answers

1. **11**
2. **44**
3. **29**
4. **2**
5. **28**
6. **8**
7. **22**
8. **9**
9. **15**
10. **16**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

8	44	15	22	9
16	29	2	11	28

1) Debby is making bead necklaces. She wants to use 271 beads to make 26 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, 49 friends bought 838 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 788 cartons and were putting them into stacks with 27 cartons in each stack. How many full stacks could they make?

4) George had 478 pieces of candy. If he wants to split the candy into 15 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 495 students going to a trivia competition. If each school van can hold 18 students, how many vans will they need?

6) An airline has 568 pieces of luggage to put away. If each luggage compartment will hold 16 pieces of luggage, how many will be in the compartment that isn't full?

7) It takes 25 apples to make an apple pie. If a chef bought 278 apples, the last pie would need how many more apples?

8) A vat of orange juice was 419 pints. If you wanted to pour the vat into 44 glasses with the same amount in each glass, how many pints would be in each glass?

9) A builder needed to buy 571 boards for his latest project. If the boards he needs come in packs of 39, how many packages will he need to buy?

10) A truck can hold 45 boxes. If you needed to move 699 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A movie store had eight hundred fifty movies they were putting on forty-eight 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 nine hundred eleven students going to a trivia competition. If each school van can hold thirty-eight students, how many vans will they need?

3) A baker had thirteen boxes for donuts. He ended up making six hundred sixty-one donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

4) A clown needed four hundred thirty-six balloons for a party he was going to, but the balloons only came in packs of twenty-one. How many packs of balloons would he need to buy?

5) Adam was trying to beat his old score of one hundred eighty points in a video game. If he scores exactly thirty-five points each round, how many rounds would he need to play to beat his old score?

6) Olivia had five hundred twenty-three songs on her mp3 player. If she wanted to put the songs equally into forty-four different playlists, how many songs would she have left over?

7) Maria had eight hundred fifty-six pennies. She wanted to place the pennies into ten 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 fourteen brownies. If a baker made five hundred thirty-seven brownies, how many full boxes of brownies did he make?

9) It takes thirty-one grams of plastic to make a ruler. If a company had seven hundred eighty-six grams of plastic, how many entire rulers could they make?

10) Haley had saved up three hundred three quarters and decided to spend them on sodas. If it costs forty 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A movie store had eight hundred fifty movies they were putting on forty-eight shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? 850÷48 = 17 r34

2) There are nine hundred eleven students going to a trivia competition. If each school van can hold thirty-eight students, how many vans will they need? 911÷38 = 23 r37

3) A baker had thirteen boxes for donuts. He ended up making six hundred sixty-one donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? 661÷13 = 50 r11

4) A clown needed four hundred thirty-six balloons for a party he was going to, but the balloons only came in packs of twenty-one. How many packs of balloons would he need to buy? 436÷21 = 20 r16

5) Adam was trying to beat his old score of one hundred eighty points in a video game. If he scores exactly thirty-five points each round, how many rounds would he need to play to beat his old score? 180÷35 = 5 r5

6) Olivia had five hundred twenty-three songs on her mp3 player. If she wanted to put the songs equally into forty-four different playlists, how many songs would she have left over? 523÷44 = 11 r39

7) Maria had eight hundred fifty-six pennies. She wanted to place the pennies into ten stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal? 856÷10 = 85 r6

8) A box can hold fourteen brownies. If a baker made five hundred thirty-seven brownies, how many full boxes of brownies did he make? 537÷14 = 38 r5

9) It takes thirty-one grams of plastic to make a ruler. If a company had seven hundred eighty-six grams of plastic, how many entire rulers could they make? 786÷31 = 25 r11

10) Haley had saved up three hundred three quarters and decided to spend them on sodas. If it costs forty quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? 303÷40 = 7 r23

Answers

1. **14**
2. **24**
3. **11**
4. **21**
5. **6**
6. **39**
7. **4**
8. **38**
9. **25**
10. **17**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

24	6	21	38	39
17	4	11	14	25

1) A movie store had 850 movies they were putting on 48 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 911 students going to a trivia competition. If each school van can hold 38 students, how many vans will they need?

3) A baker had 13 boxes for donuts. He ended up making 661 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

4) A clown needed 436 balloons for a party he was going to, but the balloons only came in packs of 21. How many packs of balloons would he need to buy?

5) Adam was trying to beat his old score of 180 points in a video game. If he scores exactly 35 points each round, how many rounds would he need to play to beat his old score?

6) Olivia had 523 songs on her mp3 player. If she wanted to put the songs equally into 44 different playlists, how many songs would she have left over?

7) Maria had 856 pennies. She wanted to place the pennies into 10 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 14 brownies. If a baker made 537 brownies, how many full boxes of brownies did he make?

9) It takes 31 grams of plastic to make a ruler. If a company had 786 grams of plastic, how many entire rulers could they make?

10) Haley had saved up 303 quarters and decided to spend them on sodas. If it costs 40 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

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

2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve 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 thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day?

6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

7) A librarian had to pack four hundred eighty-six books into boxes. If each box can hold forty-six books, how many boxes did she need?

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

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

10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A flash drive could hold twenty-one gigs of data. If you needed to store eight hundred twenty-six gigs, how many flash drive would you need? 826÷21 = 39 r7

2) Rachel had seven hundred sixteen pennies. She wanted to place the pennies into twelve stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal? 716÷12 = 59 r8

3) A truck can hold thirty-four boxes. If you needed to move seven hundred forty-two boxes across town, how many trips would you need to make? 742÷34 = 21 r28

4) The roller coaster at the state fair costs twenty-eight tickets per ride. If you had five hundred eighty-two tickets, how many tickets would you have left if you rode it as many times as you could? 582÷28 = 20 r22

5) An industrial machine can make eight hundred forty-six crayons a day. If each box of crayons has seventeen crayons in it, how many full boxes does the machine make a day? 846÷17 = 49 r13

6) A baker had forty-one boxes for donuts. He ended up making three hundred fifty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? 357÷41 = 8 r29

7) A librarian had to pack four hundred eighty-six books into boxes. If each box can hold forty-six books, how many boxes did she need? 486÷46 = 10 r26

8) It takes eighteen apples to make an apple pie. If a chef bought two hundred three apples, the last pie would need how many more apples? 203÷18 = 11 r5

9) Ned's dad bought nine hundred eighty-four meters of string. If he wanted to cut the string into pieces with each piece being seventeen meters long, how many full sized pieces could he make? 984÷17 = 57 r15

10) John wanted to give each of his twenty-nine friends an equal amount of candy. At the store he bought four hundred forty-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 449÷29 = 15 r14

Answers

1. **40**
2. **4**
3. **22**
4. **22**
5. **49**
6. **29**
7. **11**
8. **13**
9. **57**
10. **15**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

15	57	29	49	22
13	4	22	11	40

1) A flash drive could hold 21 gigs of data. If you needed to store 826 gigs, how many flash drive would you need?

2) Rachel had 716 pennies. She wanted to place the pennies into 12 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 34 boxes. If you needed to move 742 boxes across town, how many trips would you need to make?

4) The roller coaster at the state fair costs 28 tickets per ride. If you had 582 tickets, how many tickets would you have left if you rode it as many times as you could?

5) An industrial machine can make 846 crayons a day. If each box of crayons has 17 crayons in it, how many full boxes does the machine make a day?

6) A baker had 41 boxes for donuts. He ended up making 357 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

7) A librarian had to pack 486 books into boxes. If each box can hold 46 books, how many boxes did she need?

8) It takes 18 apples to make an apple pie. If a chef bought 203 apples, the last pie would need how many more apples?

9) Ned's dad bought 984 meters of string. If he wanted to cut the string into pieces with each piece being 17 meters long, how many full sized pieces could he make?

10) John wanted to give each of his 29 friends an equal amount of candy. At the store he bought 449 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) At the carnival, twenty-three friends bought three hundred thirty-four 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 thirty orange slices. If a company had two hundred nine 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 seven hundred six points in a video game. If he scores exactly twelve points each round, how many rounds would he need to play to beat his old score?

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

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

6) A machine in a candy company creates four hundred eighty-one pieces of candy a minute. If a small box of candy has twenty-seven pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack nine hundred seventy books into boxes. If each box can hold twenty-one books, how many boxes did she need?

8) An airline has six hundred fifty-two pieces of luggage to put away. If each luggage compartment will hold thirty-one pieces of luggage, how many will be in the compartment that isn't full?

9) It takes thirteen apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples?

10) A baker had thirty-four boxes for donuts. He ended up making six hundred forty-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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) At the carnival, twenty-three friends bought three hundred thirty-four 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? 334÷23 = 14 r12

2) A container can hold thirty orange slices. If a company had two hundred nine orange slices to put into containers, how many more slices would they need to fill up the last container? 209÷30 = 6 r29

3) Jerry was trying to beat his old score of seven hundred six points in a video game. If he scores exactly twelve points each round, how many rounds would he need to play to beat his old score? 706÷12 = 58 r10

4) A vat of orange juice was eight hundred twenty pints. If you wanted to pour the vat into thirty-three glasses with the same amount in each glass, how many pints would be in each glass? 820÷33 = 24 r28

5) A movie theater needed five hundred ninety-nine popcorn buckets. If each package has thirty buckets in it, how many packages will they need to buy? 599÷30 = 19 r29

6) A machine in a candy company creates four hundred eighty-one pieces of candy a minute. If a small box of candy has twenty-seven pieces in it how many full boxes does the machine make in a minute? 481÷27 = 17 r22

7) A librarian had to pack nine hundred seventy books into boxes. If each box can hold twenty-one books, how many boxes did she need? 970÷21 = 46 r4

8) An airline has six hundred fifty-two pieces of luggage to put away. If each luggage compartment will hold thirty-one pieces of luggage, how many will be in the compartment that isn't full? 652÷31 = 21 r1

9) It takes thirteen apples to make an apple pie. If a chef bought eight hundred fifty-one apples, the last pie would need how many more apples? 851÷13 = 65 r6

10) A baker had thirty-four boxes for donuts. He ended up making six hundred forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? 647÷34 = 19 r1

Answers

1. 11
2. 1
3. 59
4. 24
5. 20
6. 17
7. 47
8. 1
9. 7
10. 1

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

59	7	1	24	17
1	11	1	20	47

1) At the carnival, 23 friends bought 334 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 30 orange slices. If a company had 209 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 706 points in a video game. If he scores exactly 12 points each round, how many rounds would he need to play to beat his old score?

4) A vat of orange juice was 820 pints. If you wanted to pour the vat into 33 glasses with the same amount in each glass, how many pints would be in each glass?

5) A movie theater needed 599 popcorn buckets. If each package has 30 buckets in it, how many packages will they need to buy?

6) A machine in a candy company creates 481 pieces of candy a minute. If a small box of candy has 27 pieces in it how many full boxes does the machine make in a minute?

7) A librarian had to pack 970 books into boxes. If each box can hold 21 books, how many boxes did she need?

8) An airline has 652 pieces of luggage to put away. If each luggage compartment will hold 31 pieces of luggage, how many will be in the compartment that isn't full?

9) It takes 13 apples to make an apple pie. If a chef bought 851 apples, the last pie would need how many more apples?

10) A baker had 34 boxes for donuts. He ended up making 647 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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) A vat of orange juice was five hundred eighty-five pints. If you wanted to pour the vat into thirty-eight glasses with the same amount in each glass, how many pints would be in each glass?

2) A movie store had two hundred ninety-six movies they were putting on twenty-three 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 five hundred eight sheets left in it. If each printer in a computer lab needed thirty-six sheets how many printers would the box fill up?

4) The roller coaster at the state fair costs thirty-two tickets per ride. If you had seven hundred thirty-three tickets, how many tickets would you have left if you rode it as many times as you could?

5) Edward has to sell five hundred sixty-two chocolate bars to win a trip. If each box contains twenty chocolate bars, how many boxes will he need to sell to win the trip?

6) Nancy had nine hundred thirty-six photos to put into a photo album. If each page holds thirty-eight photos, how many full pages will she have?

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

8) A clown needed three hundred forty-nine balloons for a party he was going to, but the balloons only came in packs of seventeen. How many packs of balloons would he need to buy?

9) An art museum had five hundred seventy pictures to split equally into thirty-two different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

10) An airline has nine hundred eighty-four pieces of luggage to put away. If each luggage compartment will hold fourteen 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

Division Word Problems (3÷2) w/ Remainder Name: **Answer Key**

Solve each problem.

1) A vat of orange juice was five hundred eighty-five pints. If you wanted to pour the vat into thirty-eight glasses with the same amount in each glass, how many pints would be in each glass? 585÷38 = 15 r15

2) A movie store had two hundred ninety-six movies they were putting on twenty-three shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? 296÷23 = 12 r20

3) A box of computer paper has five hundred eight sheets left in it. If each printer in a computer lab needed thirty-six sheets how many printers would the box fill up? 508÷36 = 14 r4

4) The roller coaster at the state fair costs thirty-two tickets per ride. If you had seven hundred thirty-three tickets, how many tickets would you have left if you rode it as many times as you could? 733÷32 = 22 r29

5) Edward has to sell five hundred sixty-two chocolate bars to win a trip. If each box contains twenty chocolate bars, how many boxes will he need to sell to win the trip? 562÷20 = 28 r2

6) Nancy had nine hundred thirty-six photos to put into a photo album. If each page holds thirty-eight photos, how many full pages will she have? 936÷38 = 24 r24

7) A builder needed to buy eight hundred sixteen boards for his latest project. If the boards he needs come in packs of thirteen, how many packages will he need to buy? 816÷13 = 62 r10

8) A clown needed three hundred forty-nine balloons for a party he was going to, but the balloons only came in packs of seventeen. How many packs of balloons would he need to buy? 349÷17 = 20 r9

9) An art museum had five hundred seventy pictures to split equally into thirty-two different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? 570÷32 = 17 r26

10) An airline has nine hundred eighty-four pieces of luggage to put away. If each luggage compartment will hold fourteen pieces of luggage, how many will be in the compartment that isn't full? 984÷14 = 70 r4

Answers

1. **15**
2. **3**
3. **14**
4. **29**
5. **29**
6. **24**
7. **63**
8. **21**
9. **6**
10. **4**

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

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

3	29	14	6	4
21	63	24	29	15

1) A vat of orange juice was 585 pints. If you wanted to pour the vat into 38 glasses with the same amount in each glass, how many pints would be in each glass?

2) A movie store had 296 movies they were putting on 23 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 508 sheets left in it. If each printer in a computer lab needed 36 sheets how many printers would the box fill up?

4) The roller coaster at the state fair costs 32 tickets per ride. If you had 733 tickets, how many tickets would you have left if you rode it as many times as you could?

5) Edward has to sell 562 chocolate bars to win a trip. If each box contains 20 chocolate bars, how many boxes will he need to sell to win the trip?

6) Nancy had 936 photos to put into a photo album. If each page holds 38 photos, how many full pages will she have?

7) A builder needed to buy 816 boards for his latest project. If the boards he needs come in packs of 13, how many packages will he need to buy?

8) A clown needed 349 balloons for a party he was going to, but the balloons only came in packs of 17. How many packs of balloons would he need to buy?

9) An art museum had 570 pictures to split equally into 32 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

10) An airline has 984 pieces of luggage to put away. If each luggage compartment will hold 14 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