Name:

Answers
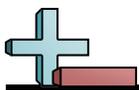
Solve each problem.

1) At the carnival, nine friends bought two hundred fourteen 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 clown needed two hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?

3) A vase can hold nine flowers. If a florist had eight hundred seventy-eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

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

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

6) Debby is making bead necklaces. She wants to use seven hundred twenty-three beads to make seven necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

7) A restaurant needs to buy six hundred fifty-eight new plates. If each box has five plates in it, how many boxes will they need to buy?

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

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

10) A botanist picked eight hundred fifteen 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?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) At the carnival, nine friends bought two hundred fourteen 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?

$214 \div 9 = 23 \text{ r}7$

1. _____ **2**

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

$275 \div 2 = 137 \text{ r}1$

2. _____ **138**

3) A vase can hold nine flowers. If a florist had eight hundred seventy-eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$878 \div 9 = 97 \text{ r}5$

3. _____ **5**

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

$479 \div 2 = 239 \text{ r}1$

4. _____ **239**

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

$980 \div 9 = 108 \text{ r}8$

5. _____ **109**

6. _____ **2**

6) Debby is making bead necklaces. She wants to use seven hundred twenty-three beads to make seven necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$723 \div 7 = 103 \text{ r}2$

7. _____ **132**

7) A restaurant needs to buy six hundred fifty-eight new plates. If each box has five plates in it, how many boxes will they need to buy?

$658 \div 5 = 131 \text{ r}3$

8. _____ **3**

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

$690 \div 9 = 76 \text{ r}6$

9. _____ **262**

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

$525 \div 2 = 262 \text{ r}1$

10. _____ **1**

10) A botanist picked eight hundred fifteen 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?
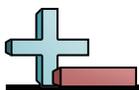
$815 \div 4 = 203 \text{ r}3$
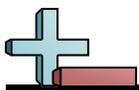
1-10	90	80	70	60	50	40	30	20	10	0

Name:

Solve each problem.

Answers

1) A restaurant needs to buy three hundred sixty-seven new plates. If each box has three plates in it, how many boxes will they need to buy?

2) Vanessa received six hundred twenty-two dollars for her birthday. Later she found some toys that cost nine dollars each. How much money would she have left if she bought as many as she could?

3) Robin wanted to drink exactly nine bottles of water each day, so she bought six hundred seventeen bottles when they were on sale. How many more bottles will she need to buy on the last day?

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

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

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

7) A cafeteria was putting milk cartons into stacks. They had two hundred fifty-nine cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?

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

9) A vat of orange juice was one hundred fifty-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?

10) A librarian had to pack five hundred ninety books into boxes. If each box can hold three books, how many boxes did she need?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name:

Solve each problem.

Answers

1) A restaurant needs to buy three hundred sixty-seven new plates. If each box has three plates in it, how many boxes will they need to buy?

$367 \div 3 = 122 \text{ r}1$

1. **123**

2) Vanessa received six hundred twenty-two dollars for her birthday. Later she found some toys that cost nine dollars each. How much money would she have left if she bought as many as she could?

$622 \div 9 = 69 \text{ r}1$

2. **1**

3) Robin wanted to drink exactly nine bottles of water each day, so she bought six hundred seventeen bottles when they were on sale. How many more bottles will she need to buy on the last day?

$617 \div 9 = 68 \text{ r}5$

3. **4**

4. **59**

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

$414 \div 7 = 59 \text{ r}1$

5. **8**

6. **4**

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

$514 \div 9 = 57 \text{ r}1$

7. **64**

8. **94**

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

$424 \div 6 = 70 \text{ r}4$

9. **30**

10. **197**

7) A cafeteria was putting milk cartons into stacks. They had two hundred fifty-nine cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?

$259 \div 4 = 64 \text{ r}3$

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

$745 \div 8 = 93 \text{ r}1$

9) A vat of orange juice was one hundred fifty-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?

$153 \div 5 = 30 \text{ r}3$

10) A librarian had to pack five hundred ninety books into boxes. If each box can hold three books, how many boxes did she need?

$590 \div 3 = 196 \text{ r}2$

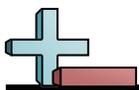| 1-10	90	80	70	60	50	40	30	20	10	0

Name:
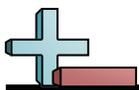
Solve each problem.

1) Megan had three hundred seventy-two songs on her mp3 player. If she wanted to put the songs equally into nine different playlists, how many songs would she have left over?

1. _____

2. _____

2) A new video game console needs nine computer chips. If a machine can create eight hundred sixty-five computer chips a day, how many video game consoles can be created in a day?

3. _____

4. _____

3) Robin had seven hundred thirty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?

5. _____

6. _____

4) There are four hundred fifty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?

7. _____

8. _____

5) A container can hold four orange slices. If a company had three hundred twenty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?

9. _____

10. _____

6) There are five hundred fifty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?

7) Maria is making bead necklaces. She wants to use eight hundred fifteen beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

8) Billy had six hundred fifty pieces of candy. If he wants to split the candy into 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?

9) A vase can hold nine flowers. If a florist had four hundred fifty-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

10) George has to sell seven hundred fifty-nine 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?

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

Name:

Solve each problem.

Answers

1) Megan had three hundred seventy-two songs on her mp3 player. If she wanted to put the songs equally into nine different playlists, how many songs would she have left over?

$372 \div 9 = 41 \, r3$

1. _____ **3**

2) A new video game console needs nine computer chips. If a machine can create eight hundred sixty-five computer chips a day, how many video game consoles can be created in a day?

$865 \div 9 = 96 \, r1$

2. _____ **96**

3) Robin had seven hundred thirty-six photos to put into a photo album. If each page holds six photos, how many full pages will she have?

$736 \div 6 = 122 \, r4$

3. _____ **122**

4. _____ **92**

4) There are four hundred fifty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?

$458 \div 5 = 91 \, r3$

5. _____ **3**

6. _____ **62**

5) A container can hold four orange slices. If a company had three hundred twenty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?

$329 \div 4 = 82 \, r1$

7. _____ **7**

8. _____ **1**

6) There are five hundred fifty-four students going to a trivia competition. If each school van can hold nine students, how many vans will they need?

$554 \div 9 = 61 \, r5$

9. _____ **3**

10. _____ **152**

7) Maria is making bead necklaces. She wants to use eight hundred fifteen 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?

$815 \div 8 = 101 \, r7$

8) Billy had six hundred fifty pieces of candy. If he wants to split the candy into 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?

$650 \div 3 = 216 \, r2$

9) A vase can hold nine flowers. If a florist had four hundred fifty-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$453 \div 9 = 50 \, r3$

10) George has to sell seven hundred fifty-nine 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?

$759 \div 5 = 151 \, r4$

Math

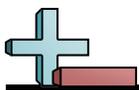| 1-10	90	80	70	60	50	40	30	20	10	0

Name:
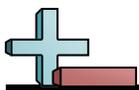
Solve each problem.

1) Megan had five hundred sixteen pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

2) An art museum had five hundred fifty-nine pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

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

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

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

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

7) A box of computer paper has five hundred thirteen sheets left in it. If each printer in a computer lab needed six sheets how many printers would the box fill up?

8) A food company has three hundred ninety-five kilograms of food to put into boxes. If each box gets exactly eight kilograms, how many full boxes will they have?

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

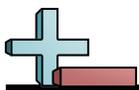10. _____

Name:

Solve each problem.

Answers

1) Megan had five hundred sixteen pennies. She wanted to place the pennies into nine stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?

$516 \div 9 = 57 \ r3$

1. _____ **6**

2) An art museum had five hundred fifty-nine pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$559 \div 4 = 139 \ r3$

2. _____ **1**

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

$151 \div 9 = 16 \ r7$

3. _____ **7**

4. _____ **2**

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

$118 \div 4 = 29 \ r2$

5. _____ **2**

6. _____ **218**

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

$812 \div 6 = 135 \ r2$

7. _____ **85**

8. _____ **49**

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

$871 \div 4 = 217 \ r3$

9. _____ **88**

10. _____ **80**

7) A box of computer paper has five hundred thirteen sheets left in it. If each printer in a computer lab needed six sheets how many printers would the box fill up?

$513 \div 6 = 85 \ r3$

8) A food company has three hundred ninety-five kilograms of food to put into boxes. If each box gets exactly eight kilograms, how many full boxes will they have?

$395 \div 8 = 49 \ r3$

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

$701 \div 8 = 87 \ r5$

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

$484 \div 6 = 80 \ r4$
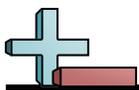
Math

4

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

Name:

Solve each problem.

Answers

1) A pizza store had two hundred eighty-six pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?

2) A restaurant needs to buy three hundred eighty-seven new plates. If each box has five plates in it, how many boxes will they need to buy?

3) A post office has five hundred eighty-two pieces of junk mail they want to split evenly between seven mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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

5) A store owner had six employees and bought five hundred eighty-three uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

6) A container can hold four orange slices. If a company had four hundred eighty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?

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

8) Nancy had seven hundred fifty-four photos to put into a photo album. If each page holds eight photos, how many full pages will she have?

9) Tom has to sell five hundred thirty-four chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?

10) There are five hundred forty-two students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name:

Solve each problem.

Answers

1) A pizza store had two hundred eighty-six pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?

$286 ÷ 7 = 40$ r6

1. **6**

2) A restaurant needs to buy three hundred eighty-seven new plates. If each box has five plates in it, how many boxes will they need to buy?

$387 ÷ 5 = 77$ r2

2. **78**

3. **1**

3) A post office has five hundred eighty-two pieces of junk mail they want to split evenly between seven mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

$582 ÷ 7 = 83$ r1

4. **133**

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

$799 ÷ 6 = 133$ r1

5. **5**

6. **3**

5) A store owner had six employees and bought five hundred eighty-three uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$583 ÷ 6 = 97$ r1

7. **4**

8. **94**

6) A container can hold four orange slices. If a company had four hundred eighty-nine orange slices to put into containers, how many more slices would they need to fill up the last container?

$489 ÷ 4 = 122$ r1

9. **134**

10. **68**

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

$941 ÷ 5 = 188$ r1

8) Nancy had seven hundred fifty-four photos to put into a photo album. If each page holds eight photos, how many full pages will she have?

$754 ÷ 8 = 94$ r2

9) Tom has to sell five hundred thirty-four chocolate bars to win a trip. If each box contains four chocolate bars, how many boxes will he need to sell to win the trip?

$534 ÷ 4 = 133$ r2

10) There are five hundred forty-two students going to a trivia competition. If each school van can hold eight students, how many vans will they need?

$542 ÷ 8 = 67$ r6
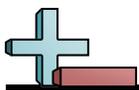
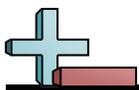| 1-10	90	80	70	60	50	40	30	20	10	0

Name:

Solve each problem.

Answers

1) At the carnival, seven friends bought seven hundred 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) Vanessa had two hundred ninety-five 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?

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

4) A vat of orange juice was two hundred sixty-eight 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?

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

6) An art museum had eight hundred twenty-six pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

7) There are five hundred seventeen people attending a luncheon. If a table can hold six people, how many tables do they need?

8) A grocery store needed eight hundred ten cans of peas. If the peas come in boxes with four cans in each box, how many boxes would they need to order?

9) Each house a carpenter builds needs three sinks. If he bought three hundred thirteen sinks, how many houses would that cover?

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) At the carnival, seven friends bought seven hundred 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?

$723 \div 7 = 103 \text{ r}2$

1. _____ **5**

2) Vanessa had two hundred ninety-five 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?

$295 \div 7 = 42 \text{ r}1$

2. _____ **1**

3. _____ **5**

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

$149 \div 9 = 16 \text{ r}5$

4. _____ **29**

5. _____ **1**

4) A vat of orange juice was two hundred sixty-eight 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?

$268 \div 9 = 29 \text{ r}7$

6. _____ **6**

7. _____ **87**

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

$509 \div 2 = 254 \text{ r}1$

8. _____ **203**

9. _____ **104**

6) An art museum had eight hundred twenty-six pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$826 \div 8 = 103 \text{ r}2$

10. _____ **90**

7) There are five hundred seventeen people attending a luncheon. If a table can hold six people, how many tables do they need?

$517 \div 6 = 86 \text{ r}1$

8) A grocery store needed eight hundred ten cans of peas. If the peas come in boxes with four cans in each box, how many boxes would they need to order?

$810 \div 4 = 202 \text{ r}2$

9) Each house a carpenter builds needs three sinks. If he bought three hundred thirteen sinks, how many houses would that cover?

$313 \div 3 = 104 \text{ r}1$

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

$361 \div 4 = 90 \text{ r}1$

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

Math

6

Name:

Solve each problem.

Answers

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

1. _____

2. _____

2) A coat factory had three hundred thirty-nine 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?

3. _____

4. _____

3) A vat of orange juice was one hundred ninety-eight 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. _____

6. _____

4) A new video game console needs two computer chips. If a machine can create eight hundred nine computer chips a day, how many video game consoles can be created in a day?

7. _____

8. _____

5) A container can hold five orange slices. If a company had seven hundred thirty-seven orange slices to put into containers, how many more slices would they need to fill up the last container?

9. _____

10. _____

6) A store owner had nine employees and bought nine hundred seventy-nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

7) Roger bought eight hundred sixty-nine pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

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

9) Each house a carpenter builds needs six sinks. If he bought two hundred sixty-six sinks, how many houses would that cover?

10) A movie theater needed four hundred twenty-six popcorn buckets. If each package has eight buckets in it, how many packages will they need to buy?

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

Name:

Solve each problem.

Answers
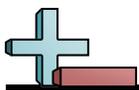
1) A clown needed two hundred twenty-seven balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?

$227 \div 2 = 113$ r1

1. __**114**__

2) A coat factory had three hundred thirty-nine 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?

$339 \div 8 = 42$ r3

2. __**3**__

3) A vat of orange juice was one hundred ninety-eight 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?

$198 \div 4 = 49$ r2

3. __**49**__

4) A new video game console needs two computer chips. If a machine can create eight hundred nine computer chips a day, how many video game consoles can be created in a day?

$809 \div 2 = 404$ r1

4. __**404**__

5) A container can hold five orange slices. If a company had seven hundred thirty-seven orange slices to put into containers, how many more slices would they need to fill up the last container?

$737 \div 5 = 147$ r2

5. __**3**__

6. __**2**__

6) A store owner had nine employees and bought nine hundred seventy-nine uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$979 \div 9 = 108$ r7

7. __**1**__

7) Roger bought eight hundred sixty-nine pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?

$869 \div 4 = 217$ r1

8. __**7**__

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

$601 \div 8 = 75$ r1

9. __**44**__

9) Each house a carpenter builds needs six sinks. If he bought two hundred sixty-six sinks, how many houses would that cover?

$266 \div 6 = 44$ r2

10. __**54**__

10) A movie theater needed four hundred twenty-six popcorn buckets. If each package has eight buckets in it, how many packages will they need to buy?

$426 \div 8 = 53$ r2

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

Name:
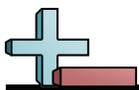
Solve each problem.

1) A clown needed five hundred fourteen 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?

2) Vanessa had saved up eight hundred fifty-five quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

3) Victor wanted to give each of his six friends an equal amount of candy. At the store he bought three hundred seventy-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

4) A vase can hold seven flowers. If a florist had nine hundred five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

5) A box can hold three brownies. If a baker made two hundred ninety-six brownies, how many full boxes of brownies did he make?

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

7) A food company has seven hundred seventy-seven kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?

8) Nancy had three hundred 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?

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

10) A flash drive could hold nine gigs of data. If you needed to store four hundred sixty-two gigs, how many flash drive would you need?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

8

Name:

Solve each problem.

Answers

1) A clown needed five hundred fourteen 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?

$514 \div 4 = 128\ r2$

2) Vanessa had saved up eight hundred fifty-five quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$855 \div 7 = 122\ r1$

3) Victor wanted to give each of his six friends an equal amount of candy. At the store he bought three hundred seventy-nine pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?

$379 \div 6 = 63\ r1$

4) A vase can hold seven flowers. If a florist had nine hundred five flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$905 \div 7 = 129\ r2$

5) A box can hold three brownies. If a baker made two hundred ninety-six brownies, how many full boxes of brownies did he make?

$296 \div 3 = 98\ r2$

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

$913 \div 2 = 456\ r1$

7) A food company has seven hundred seventy-seven kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?

$777 \div 2 = 388\ r1$

8) Nancy had three hundred 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?

$302 \div 7 = 43\ r1$

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

$868 \div 6 = 144\ r4$

10) A flash drive could hold nine gigs of data. If you needed to store four hundred sixty-two gigs, how many flash drive would you need?

$462 \div 9 = 51\ r3$

	Answers
1.	**129**
2.	**6**
3.	**5**
4.	**2**
5.	**98**
6.	**1**
7.	**388**
8.	**1**
9.	**4**
10.	**52**
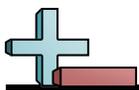
1-10	90	80	70	60	50	40	30	20	10	0

Name:

Solve each problem.

Answers

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

2) Vanessa had seven hundred forty-five songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?

3) An art museum had four hundred seventeen pictures to split equally into two different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

4) An industrial machine can make three hundred twenty-one crayons a day. If each box of crayons has seven crayons in it, how many full boxes does the machine make a day?

5) A box of computer paper has two hundred twenty-one sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?

6) An airline has five hundred twenty-seven 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?

7) A builder needed to buy one hundred fifty-four boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?

8) Billy was trying to beat his old score of seven hundred twenty-five points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?

9) A store owner had two employees and bought nine hundred twenty-seven uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

10) George is trying to earn one hundred nineteen dollars for some new toys. If he charges three dollars to mow a lawn, how many lawns will he need to mow to earn the money?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____
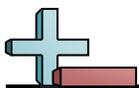
Math

9

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

Name:

Solve each problem.

Answers

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

$467 \div 5 = 93\ r2$

1. ____**93**____

2. ____**1**____

2) Vanessa had seven hundred forty-five songs on her mp3 player. If she wanted to put the songs equally into eight different playlists, how many songs would she have left over?

$745 \div 8 = 93\ r1$

3. ____**1**____

4. ____**45**____

3) An art museum had four hundred seventeen pictures to split equally into two different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$417 \div 2 = 208\ r1$

5. ____**31**____

6. ____**1**____

4) An industrial machine can make three hundred twenty-one crayons a day. If each box of crayons has seven crayons in it, how many full boxes does the machine make a day?

$321 \div 7 = 45\ r6$

7. ____**52**____

8. ____**363**____

5) A box of computer paper has two hundred twenty-one sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?

$221 \div 7 = 31\ r4$

9. ____**1**____

10. ____**40**____

6) An airline has five hundred twenty-seven 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?

$527 \div 2 = 263\ r1$

7) A builder needed to buy one hundred fifty-four boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?

$154 \div 3 = 51\ r1$

8) Billy was trying to beat his old score of seven hundred twenty-five points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?

$725 \div 2 = 362\ r1$

9) A store owner had two employees and bought nine hundred twenty-seven uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$927 \div 2 = 463\ r1$

10) George is trying to earn one hundred nineteen dollars for some new toys. If he charges three dollars to mow a lawn, how many lawns will he need to mow to earn the money?
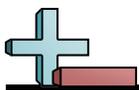
$119 \div 3 = 39\ r2$
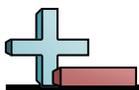
1-10	90	80	70	60	50	40	30	20	10	0

Name:

Solve each problem.

Answers

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

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

3) Robin is making bead necklaces. She wants to use four hundred ninety-four beads to make three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

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

5) A store owner had eight employees and bought nine hundred fifty-five uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

6) A food company has eight hundred thirty-nine kilograms of food to put into boxes. If each box gets exactly three kilograms, how many full boxes will they have?

7) A clown needed three hundred one balloons for a party he was going to, but the balloons only came in packs of eight. How many packs of balloons would he need to buy?

8) A grocery store needed nine hundred thirty-eight cans of peas. If the peas come in boxes with nine cans in each box, how many boxes would they need to order?

9) There are two hundred eighty-seven people attending a luncheon. If a table can hold nine people, how many tables do they need?

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name:

Solve each problem.

Answers

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

$828 \div 8 = 103$ r4

1. **103**

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

$999 \div 5 = 199$ r4

2. **1**

3) Robin is making bead necklaces. She wants to use four hundred ninety-four beads to make three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$494 \div 3 = 164$ r2

3. **2**

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

$935 \div 6 = 155$ r5

4. **1**

5) A store owner had eight employees and bought nine hundred fifty-five uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$955 \div 8 = 119$ r3

5. **5**

6) A food company has eight hundred thirty-nine kilograms of food to put into boxes. If each box gets exactly three kilograms, how many full boxes will they have?

$839 \div 3 = 279$ r2

6. **279**

7) A clown needed three hundred one balloons for a party he was going to, but the balloons only came in packs of eight. How many packs of balloons would he need to buy?

$301 \div 8 = 37$ r5

7. **38**

8) A grocery store needed nine hundred thirty-eight cans of peas. If the peas come in boxes with nine cans in each box, how many boxes would they need to order?

$938 \div 9 = 104$ r2

8. **105**

9) There are two hundred eighty-seven people attending a luncheon. If a table can hold nine people, how many tables do they need?

$287 \div 9 = 31$ r8

9. **32**

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

$551 \div 2 = 275$ r1

10. **1**

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