Division Word Problems (3÷2) w/ Remainder

Name: _____

Solve each problem.

1) A machine in a candy company creates six hundred two} pieces of candy a minute. If a small box of candy has thirteen pieces in it how many full boxes does the machine make in a minute?

2) A post office has eight hundred seventy} pieces of junk mail they want to split evenly between twenty-six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

3) A restaurant needs to buy seven hundred thirty-seven} new plates. If each box has twenty-eight plates in it, how many boxes will they need to buy?

4) A baker had sixteen boxes for donuts. He ended up making six hundred thirty-three} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

5) At the carnival, twenty-six friends bought nine hundred seventy-five} tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

6) A store owner had seventeen employees and bought five hundred fifty-four} 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) A grocery store needed nine hundred twelve} cans of peas. If the peas come in boxes with twenty-six cans in each box, how many boxes would they need to order?

8) Each house a carpenter builds needs twenty-five sinks. If he bought nine hundred fifty-one} sinks, how many houses would that cover?

9) A cafeteria was putting milk cartons into stacks. They had eight hundred seventy-six} cartons and were putting them into stacks with nineteen cartons in each stack. How many full stacks could they make?

10) A botanist picked seven hundred one} flowers. She wanted to put them into sixteen 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. _____

Math

Answer Key

Solve each problem.

1) A machine in a candy company creates six hundred two} pieces of candy a minute. If a small box of candy has thirteen pieces in it how many full boxes does the machine make in a minute?

602÷13 = 46 r4

1. **46**

2) A post office has eight hundred seventy} pieces of junk mail they want to split evenly between twenty-six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

870÷26 = 33 r12

2. **12**

3. **27**

3) A restaurant needs to buy seven hundred thirty-seven} new plates. If each box has twenty-eight plates in it, how many boxes will they need to buy?

737÷28 = 26 r9

4. **9**

5. **13**

4) A baker had sixteen boxes for donuts. He ended up making six hundred thirty-three} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

633÷16 = 39 r9

6. **7**

7. **36**

5) At the carnival, twenty-six friends bought nine hundred seventy-five} tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

975÷26 = 37 r13

8. **38**

9. **46**

10. **3**

6) A store owner had seventeen employees and bought five hundred fifty-four} 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?

554÷17 = 32 r10

7) A grocery store needed nine hundred twelve} cans of peas. If the peas come in boxes with twenty-six cans in each box, how many boxes would they need to order?

912÷26 = 35 r2

8) Each house a carpenter builds needs twenty-five sinks. If he bought nine hundred fifty-one} sinks, how many houses would that cover?

951÷25 = 38 r1

9) A cafeteria was putting milk cartons into stacks. They had eight hundred seventy-six} cartons and were putting them into stacks with nineteen cartons in each stack. How many full stacks could they make?

876÷19 = 46 r2

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

701÷16 = 43 r13

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

38	13	27	9	7
36	46	12	46	3

1) A machine in a candy company creates 602 pieces of candy a minute. If a small box of candy has 13 pieces in it how many full boxes does the machine make in a minute?

2) A post office has 870 pieces of junk mail they want to split evenly between 26 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

3) A restaurant needs to buy 737 new plates. If each box has 28 plates in it, how many boxes will they need to buy?

4) A baker had 16 boxes for donuts. He ended up making 633 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

5) At the carnival, 26 friends bought 975 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 store owner had 17 employees and bought 554 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) A grocery store needed 912 cans of peas. If the peas come in boxes with 26 cans in each box, how many boxes would they need to order?

8) Each house a carpenter builds needs 25 sinks. If he bought 951 sinks, how many houses would that cover?

9) A cafeteria was putting milk cartons into stacks. They had 876 cartons and were putting them into stacks with 19 cartons in each stack. How many full stacks could they make?

10) A botanist picked 701 flowers. She wanted to put them into 16 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____