Solve each problem.

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

1. _____

2. _____

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

3. _____

4. _____

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

5. _____

6. _____

4) A clown needed eight hundred one 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?

7. _____

8. _____

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

9. _____

10. _____

6) A box can hold twenty-four brownies. If a baker made three hundred sixty-three brownies, how many full boxes of brownies did he make?

7) A box of cupcakes cost $forty-five. If you had two hundred dollars and bought as many boxes as you could, how much money would you have left?

8) A store owner had twenty-eight employees and bought seven hundred eighty-eight 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?

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

10) A post office has two hundred nine pieces of junk mail they want to split evenly between thirty-three mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
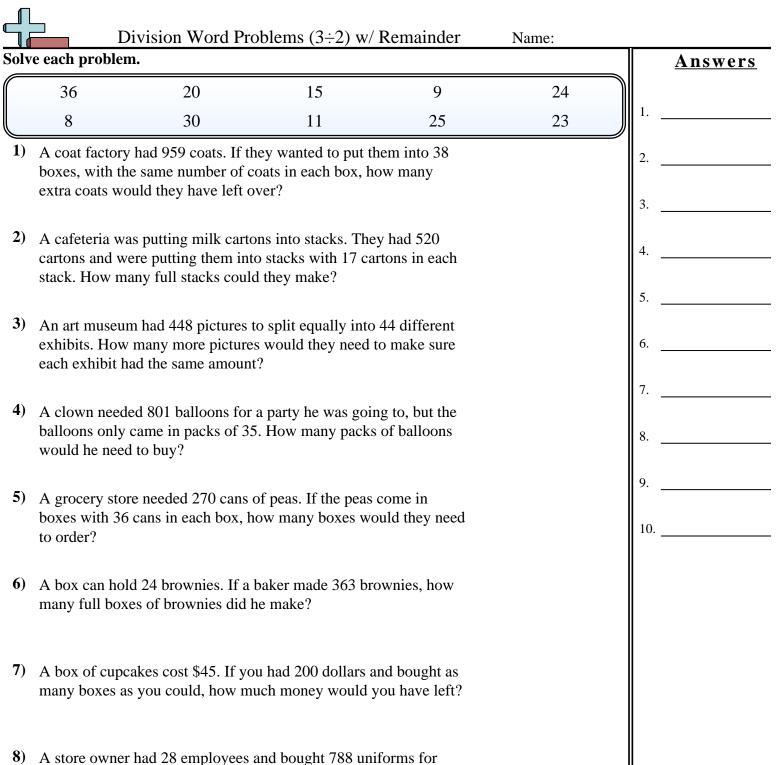
Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

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

$959÷38 = 25$ r9

1. **9**

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

$520÷17 = 30$ r10

2. **30**

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

$448÷44 = 10$ r8

3. **36**

4. **23**

4) A clown needed eight hundred one 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?

$801÷35 = 22$ r31

5. **8**

6. **15**

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

$270÷36 = 7$ r18

7. **20**

8. **24**

9. **25**

6) A box can hold twenty-four brownies. If a baker made three hundred sixty-three brownies, how many full boxes of brownies did he make?

$363÷24 = 15$ r3

10. **11**

7) A box of cupcakes cost $forty-five. If you had two hundred dollars and bought as many boxes as you could, how much money would you have left?

$200÷45 = 4$ r20

8) A store owner had twenty-eight employees and bought seven hundred eighty-eight 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?

$788÷28 = 28$ r4

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

$657÷31 = 21$ r6

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

$209÷33 = 6$ r11

Math

Solve each problem.

36	20	15	9	24
8	30	11	25	23

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) A coat factory had 959 coats. If they wanted to put them into 38 boxes, with the same number of coats in each box, how many extra coats would they have left over?

2) A cafeteria was putting milk cartons into stacks. They had 520 cartons and were putting them into stacks with 17 cartons in each stack. How many full stacks could they make?

3) An art museum had 448 pictures to split equally into 44 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

4) A clown needed 801 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?

5) A grocery store needed 270 cans of peas. If the peas come in boxes with 36 cans in each box, how many boxes would they need to order?

6) A box can hold 24 brownies. If a baker made 363 brownies, how many full boxes of brownies did he make?

7) A box of cupcakes cost $45. If you had 200 dollars and bought as many boxes as you could, how much money would you have left?

8) A store owner had 28 employees and bought 788 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?

9) A school had 657 students sign up for the trivia teams. If they wanted to have 31 team, with the same number of students on each team, how many more students would need to sign up?

10) A post office has 209 pieces of junk mail they want to split evenly between 33 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?