Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

1) Emily had six hundred forty-eight photos to put into a photo album. If each page holds eleven photos, how many full pages will she have?

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

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

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

5) A recycling company had four hundred thirty-one pounds of material to sort. To make it easier they split them into boxes with each full box having twenty-two pounds, how many full boxes did they have?

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

7) A builder needed to buy six hundred sixteen nails for his latest project. If the nails he needs come in boxes of twenty-four, how many boxes will he need to buy?

8) Maria had saved up two hundred thirty-nine quarters and decided to spend them on sodas. If it costs thirty-two quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

9) At the carnival, thirty-one friends bought eight hundred thirty-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?

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

Math

Solve each problem.

1) Emily had six hundred forty-eight photos to put into a photo album. If each page holds eleven photos, how many full pages will she have?

648÷11 = 58 r10

1. _____ **58**

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

818÷32 = 25 r18

2. _____ **26**

3. _____ **18**

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

603÷35 = 17 r8

4. _____ **16**

5. _____ **19**

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

784÷32 = 24 r16

6. _____ **12**

7. _____ **26**

5) A recycling company had four hundred thirty-one pounds of material to sort. To make it easier they split them into boxes with each full box having twenty-two pounds, how many full boxes did they have?

431÷22 = 19 r13

8. _____ **17**

9. _____ **4**

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

582÷47 = 12 r18

10. _____ **28**

7) A builder needed to buy six hundred sixteen nails for his latest project. If the nails he needs come in boxes of twenty-four, how many boxes will he need to buy?

616÷24 = 25 r16

8) Maria had saved up two hundred thirty-nine quarters and decided to spend them on sodas. If it costs thirty-two quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

239÷32 = 7 r15

9) At the carnival, thirty-one friends bought eight hundred thirty-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?

833÷31 = 26 r27

10) A baker had thirty-eight boxes for donuts. He ended up making four hundred eighty-four donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

484÷38 = 12 r28

Division Word Problems (3÷2) w/ Remainder

Name:

Solve each problem.

4	28	17	12	26
58	18	26	19	16

1) Emily had 648 photos to put into a photo album. If each page holds 11 photos, how many full pages will she have?

2) A grocery store needed 818 cans of peas. If the peas come in boxes with 32 cans in each box, how many boxes would they need to order?

3) A truck can hold 35 boxes. If you needed to move 603 boxes across town, how many trips would you need to make?

4) A container can hold 32 orange slices. If a company had 784 orange slices to put into containers, how many more slices would they need to fill up the last container?

5) A recycling company had 431 pounds of material to sort. To make it easier they split them into boxes with each full box having 22 pounds, how many full boxes did they have?

6) A new video game console needs 47 computer chips. If a machine can create 582 computer chips a day, how many video game consoles can be created in a day?

7) A builder needed to buy 616 nails for his latest project. If the nails he needs come in boxes of 24, how many boxes will he need to buy?

8) Maria had saved up 239 quarters and decided to spend them on sodas. If it costs 32 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

9) At the carnival, 31 friends bought 833 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?

10) A baker had 38 boxes for donuts. He ended up making 484 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. _____