Division with Remainder (1 Digit Quotient)

Name: _____

Use division to solve each problem.

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

2) Oliver had forty-seven baseball cards he's putting into a binder with five on each page. How many cards will he have on the page that isn't full?

3) A clown needed seventeen 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?

4) A recycling company had forty-five pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?

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

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

7) Frank has to sell thirty-one 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?

8) A box of computer paper has eleven sheets left in it. If each printer in a computer lab needed two sheets how many printers would the box fill up?

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

10) A pizza store had sixty-eight pieces of pepperoni to put on their pizzas. If each pizza got eight pieces, how many extra pieces of pepperoni would they have?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Use division to solve each problem.

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

$5÷2 = 2\ r1$

1. _____ **2**

2) Oliver had forty-seven baseball cards he's putting into a binder with five on each page. How many cards will he have on the page that isn't full?

$47÷5 = 9\ r2$

2. _____ **2**

3. _____ **9**

3) A clown needed seventeen 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?

$17÷2 = 8\ r1$

4. _____ **6**

5. _____ **2**

4) A recycling company had forty-five pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?

$45÷7 = 6\ r3$

6. _____ **1**

7. _____ **8**

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

$30÷4 = 7\ r2$

8. _____ **5**

9. _____ **8**

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

$20÷7 = 2\ r6$

10. _____ **4**

7) Frank has to sell thirty-one 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?

$31÷4 = 7\ r3$

8) A box of computer paper has eleven sheets left in it. If each printer in a computer lab needed two sheets how many printers would the box fill up?

$11÷2 = 5\ r1$

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

$47÷6 = 7\ r5$

10) A pizza store had sixty-eight pieces of pepperoni to put on their pizzas. If each pizza got eight pieces, how many extra pieces of pepperoni would they have?

$68÷8 = 8\ r4$

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

Math

Division with Remainder (1 Digit Quotient)   Name: _____

Use division to solve each problem.

4	2	9	6	2
1	5	8	2	8

Answers

1. _____

1) A vat of orange juice was 5 pints. If you wanted to pour the vat into 2 glasses with the same amount in each glass, how many pints would be in each glass?

2. _____

3. _____

2) Oliver had 47 baseball cards he's putting into a binder with 5 on each page. How many cards will he have on the page that isn't full?

4. _____

5. _____

3) A clown needed 17 balloons for a party he was going to, but the balloons only came in packs of 2. How many packs of balloons would he need to buy?

6. _____

7. _____

4) A recycling company had 45 pounds of material to sort. To make it easier they split them into boxes with each full box having 7 pounds, how many full boxes did they have?

8. _____

9. _____

5) The roller coaster at the state fair costs 4 tickets per ride. If you had 30 tickets, how many tickets would you have left if you rode it as many times as you could?

10. _____

6) A botanist picked 20 flowers. She wanted to put them into 7 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

7) Frank has to sell 31 chocolate bars to win a trip. If each box contains 4 chocolate bars, how many boxes will he need to sell to win the trip?

8) A box of computer paper has 11 sheets left in it. If each printer in a computer lab needed 2 sheets how many printers would the box fill up?

9) A builder needed to buy 47 boards for his latest project. If the boards he needs come in packs of 6, how many packages will he need to buy?

10) A pizza store had 68 pieces of pepperoni to put on their pizzas. If each pizza got 8 pieces, how many extra pieces of pepperoni would they have?

Math

Modified
www.CommonCoreSheets.com

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