

# Interpreting Remainders in Context

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4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1.  $72 \div 5 = \underline{\quad} \text{ R } \underline{\quad}$

2. A baker made 50 cookies and wants to pack them into boxes of 8. How many boxes can he fill and how many cookies will be left over?

\_\_\_\_\_

3.  $144 \div 12 = \underline{\quad}$

4. There are 23 students going on a field trip. If each van can hold 6 students, how many vans are needed and how many students will be without a seat?

\_\_\_\_\_

5. Circle the greater number:  $85 \div 4$  or  $70$ :

6

or

70

6. What number comes next? 6, 12, 18, \_\_\_\_\_

7. Rounding up is always the best way to handle a remainder. True or False?

True

False

8. A farmer has 70 apples and wants to pack them into bags of 9. How many full bags can he make and how many apples will be left over?

\_\_\_\_\_

9.  $95 \div 8 = \underline{\quad} \text{ R } \underline{\quad}$

10. If a concert has 150 tickets and 37 are sold, how many tickets are left?

\_\_\_\_\_

11. Circle the greater number:  $56 \div 5$  or  $30$ :

7

or

30

12. What number comes next? 3, 6, 9, \_\_\_\_\_

13. A remainder can be expressed as a fraction. True or False?

True

False

14. A teacher has 45 markers and wants to distribute them equally among 7 students. How many markers will each student get and how many will be left over?

\_\_\_\_\_

15.  $84 \div 9 = \underline{\quad} R \underline{\quad}$

16. An artist has 100 canvases and wants to frame them in groups of 12. How many complete groups can she make and how many canvases will be left over?

\_\_\_\_\_

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**Answer Key**

1. 14 R 2   2. 6 boxes, 2 cookies left   3. 12   4. 4 vans, 5 students without seats   5.  $85 \div 6$    6. 24   7. False   8. 7 bags, 7 apples left   9. 11 R 7   10. 113 tickets left   11.  $56 \div 7$    12. 12   13. True   14. 6 markers each, 3 left   15. 9 R 3   16. 8 groups, 4 canvases left