

Remainder Riddles - Division Concepts

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $56 \div 8 = \underline{\quad} \text{ R } \underline{\quad}$

2. $37 \div 5 = \underline{\quad} \text{ R } \underline{\quad}$

3. A farmer has 54 apples and wants to pack them in boxes of 8. How many boxes will he fill and what will be the remainder?

4. $77 \div 6 = \underline{\quad} \text{ R } \underline{\quad}$

5. There are 45 students going on a field trip. If each bus can hold 10 students, how many buses are needed and how many students will be left without a seat?

6. What is the next number in this division sequence? $48 \div 4 = 12$, $52 \div 4 = \underline{\quad}$

7. Circle the greater number: 23 R R 2:

1

or

22

8. The remainder is always smaller than the divisor. True or False?

True False

9. $91 \div 7 = \underline{\quad} \text{ R } \underline{\quad}$

10. A baker made 100 cookies and wants to package them in boxes of 24. How many boxes will he use and how many cookies will be left over?

11. $34 \div 3 = \underline{\quad} \text{ R } \underline{\quad}$

12. If a library has 145 books and each shelf can hold 12 books, how many shelves will be completely filled and how many books will be left?

13. Fill in the blank: $25 \div 4 = 6 \text{ R } \underline{\quad}$

14. $63 \div 4 = \underline{\quad} \text{ R } \underline{\quad}$

15. There are 120 pieces of candy to be divided among 9 children. How many pieces will each child get and how many will be left over?

Answer Key

1. 7 R 0 2. 7 R 2 3. 6 boxes, 6 apples 4. 12 R 5 5. 5 buses, 5 students 6. 13 R 0 7. 23 R 1 8. True 9. 13 R 0 10. 4 boxes, 4 cookies 11. 11 R 1 12. 12 shelves, 1 book 13. 1 14. 15 R 3 15. 13 pieces, 3 candies