

# Input-Output Tables and Number Patterns

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4th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1.  $6 \times 7 = \underline{\quad}$

2. If the input is 4, and the rule is to multiply by 3, what is the output?

\_\_\_\_\_

3. What number comes next in the input-output pattern? Input: 1, 2, 3, 4; Output: 2, 4, 6, \_\_\_\_\_

4. Circle the greater number:

56

or

65

5.  $144 \div 12 = \underline{\quad}$

\_\_\_\_\_

6. A gardener planted 5 rows of flowers with 8 flowers in each row. How many flowers did he plant?

\_\_\_\_\_

7.  $9 \times 5 = \underline{\quad}$

8. The output is always greater than the input.

True  False

9. If the input is 10 and the rule is to subtract 2, what is the output?

\_\_\_\_\_

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

11.  $8 \times 8 = \underline{\quad}$

12. A bookstore sold 3 books each day for a week. How many books did they sell in total?

\_\_\_\_\_

13. If you have 20 apples and give away 5, then buy 10 more, how many do you have now?

\_\_\_\_\_

14.  $25 \times 4 = \underline{\quad}$

15. If the input is 15 and the rule adds 5, what is the output?

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**Answer Key**

1. 42 2. 12 3. 8 4. 65 5. 12 6. 40 7. 45 8. False 9. 8 10. 12 11. 64 12. 21 13. 25 14. 100 15. 20