

Find a Rule

Find a rule for each table. Write the rule in words.

1.

Input	Output
6	18
24	36
48	60
72	84

2.

Input	Output
5	30
9	54
12	72
15	90

3.

Input	Output
19	9
54	44
78	68
24	14

Representations Write a rule with a variable for

4. Exercise 1. _____ 5. Exercise 2. _____

6. Find a rule for the table. Write the rule in words.

Roses	Cost
12	\$24
24	\$48
36	\$72

7. How much would 72 roses cost?

Test Prep

8. Which is the rule with a variable for the table?

- A. Add 78; $n + 78$
- B. Multiply by 17; $17n$
- C. Multiply by 27; $27n$
- D. Add 86; $n + 86$

Input	Output
3	81
5	135
7	189
9	243

9. **Writing in Math** Explain how you find a rule from a table.

