

PATTERNS AND RULES

LOOK • THINK • EXTEND

Find the rule. Then use it.

2, 4, 8, 16, ...

1 Remember

Find the rule for each input-output table.

Input	Output
7	17
8	18
12	22

Rule:

Add 10

Input	Output
10	60
12	72
15	90

Rule:

Multiply by 6

2 Continue the pattern

Look for the rule. Write the next three numbers in each pattern.

6

12

24

Rule: _____

35

46

57

Rule: _____

74

67

60

Rule: _____

25

43

61

Rule: _____

3 Find the rule

Look at each input-output table. Find the rule.

Input	Output
4	44
7	77
13	143

Rule: _____

Input	Output
5	40
9	72
13	104

Rule: _____

Input	Output
4	11
9	16
10	17

Rule: _____

Input	Output
13	6
15	8
19	12

Rule: _____

4 Make your own

Use the rule. Then complete the table.

Rule: Multiply by 4

Input	5	6	7	9	13
Output					

Let every thing that hath
breath praise the LORD.

Psalms 150:6

1, 3, 6, 10, 15, ...

Look for patterns.
Discover truth.
Think further.