

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
3	10
10	17
11	18

Rule:

Add 7

Input	Output
3	12
7	28
13	52

Rule:

Multiply by 4

2 Continue the pattern

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

32

48

64

Rule: _____

13

25

37

Rule: _____

51

44

37

Rule: _____

1

2

4

Rule: _____

3 Find the rule

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

Input	Output
4	20
6	30
12	60

Rule: _____

Input	Output
1	13
2	14
7	19

Rule: _____

Input	Output
3	1
10	8
12	10

Rule: _____

Input	Output
2	22
3	33
4	44

Rule: _____

4 Make your own

Use the rule. Then complete the table.

Rule: Add 13

Input	2	8	11	12	13
Output					

Pray without
ceasing.

1 Thessalonians 5:17

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

Look for patterns.
Discover truth.
Think further.