

Funky Function Tables

Directions: Find the rule for each function table below.

Example

input	→	output
1	x2	=2
2	x2	=4
3	x2	=6
4	x2	=8

A **function table** is sometimes called an input-output table. It shows a pattern that follows a rule. In this example, the *input* is being multiplied by 2 to get the *output*. So, the **rule** is *times 2*.

In this table, the rule is given to you. But in the problems below, you will have to figure out the rule by looking at the pattern in each table.

1. Find the rule.

input	output
1	6
2	7
3	8
4	9

What is the rule?

- a) x 6 b) + 6 c) + 5

ANSWERS

2. Find the rule.

input	output
3	0
4	1
5	2
6	3

What is the rule?

- a) x 0 b) - 3 c) + 3

3. Complete the table. Then find the rule.

Cookies	Chocolate Chips
1	10
2	20
3	30
4	40
5	50

What is the rule? x10

4. Complete the table. Then find the rule.

Number of Math Problems	Minutes to Solve
1	5
2	10
3	15
4	20
5	25

What is the rule? x5