UNIT 2: PATTERNS

Lesson 2: Function

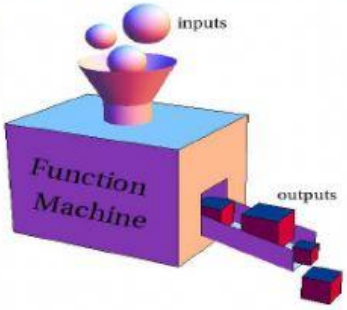
I. Basic knowledge

1. Function

A function is something that will take an input and based on what input is to produce an output. It means that an input will produce an output based on a rule (function).

2. Example

Example 1: Here is the table of results from the function machine.



Input	Output
1	7
2	8
3	9
4	10

The function or rule is +6.

Example 2: The function machine has 2 stages.

The function or rule is × 3 + 2.

Input	1	2	3	4
Output	5	8	11	14

II. Vocabulary

English words	Vietnamese meaning
Function	Hàm số
Rule	Quy tắc
Output	Dữ liệu ra
Input	Dữ liệu vào

LIVEWORKSHEETS

III. Practice

1. Fill in the empty boxes.

a)

In	Out
30	
75	
80	
84	

Rule: +8

b)

In	Out
12	
45	
56	
80	

Rule: +14

c)

In	Out
6	
15	
20	
24	

Rule: × 3

2. Fill in the empty boxes.

a)

In	Out
15	
	75
	89
70	

Rule: +29

b)

In	Out
37	
	21
56	
	56

Rule: −19

c)

In	Out
	64
23	
	124
40	

Rule: × 4

3. Determine the rule of each function below.

a)

In	Out
8	18
10	20
14	24
18	28

Rule: .....

b)

In	Out
17	12
21	16
32	27
48	43

Rule: .....

c)

In	Out
8	24
12	36
16	48
18	54

Rule: .....

LIVEWORKSHEETS