

Vocabulary: Function Machines 1



Vocabulary

- Function – a rule that describes how to get an output value from an input value.
 - Functions can be used to create function tables (also called *input-output tables*).
 - An example of a function is $Output = Input \times 3$.
 - The function table below shows five different input-output pairs for this function.

Input	Output
1	3
2	6
3	9
4	12
10	30

- An additional input-output pair for this function would be (5, 15) because when you use 5 as the input, the function gives you 15 as the output.
 - $Output = Input \times 3$
 - $Output = 5 \times 3$
 - $Output = 15$
- Input – a number that goes into a function.
 - A function turns each input into a single output.
- Output – a number that comes out of a function.
 - The output depends on the input and the function rule.