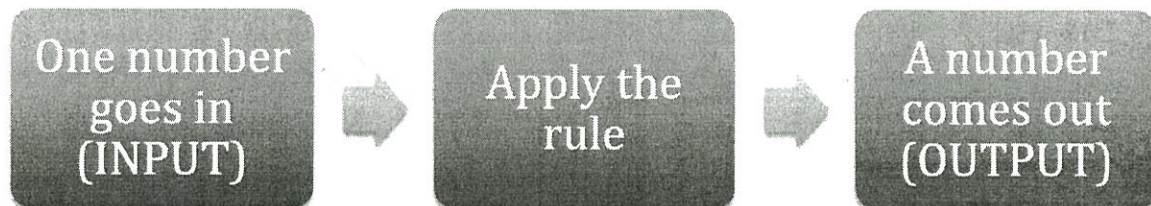# Table of Values

Vocabulary

Input:
- the number that goes in
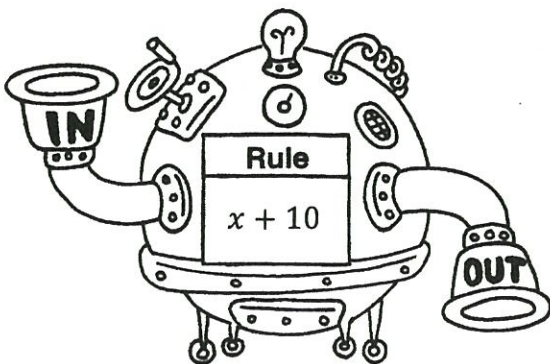- usually represented by x

Output:
- the number that results from applying the rule to the input
- usually represented by y

Apply the rule to the input to solve for the output
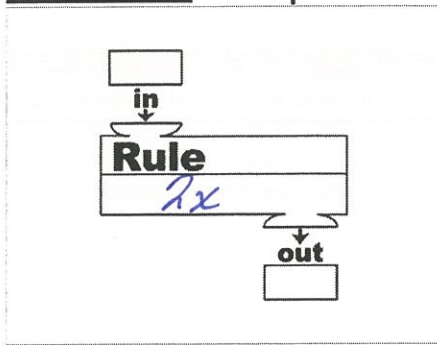
It's like a magic machine:

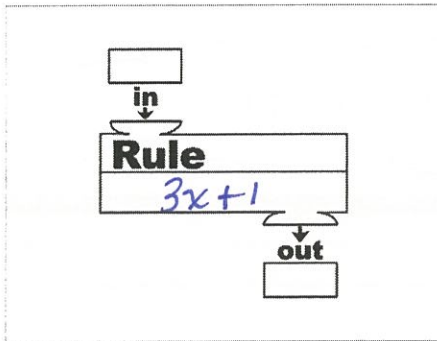| One number goes in (INPUT) | → | Apply the rule | → | A number comes out (OUTPUT) |

Example:

Rule

$x + 10$

Input	Output
3	13
4	14
6	16
50	60
100	110

Practice Complete the following:

in

Rule
$2x$

out

Mike read twice as many books as Naya.

x : Naya	y : Mike
1	2
2	4
3	6
4	8
10	20
50	100

in

Rule
$3x+1$

out

Anna has 1 more than 3 times as many chocolates as Eva

x: Eva	y: Anna
1	4
2	7
3	10
4	13
5	16
6	19

in

Rule
$5x-5$

out
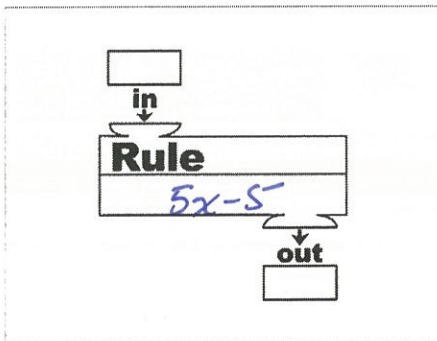
Katie sold five less than 5 times as many shirts as Zoe

x: Zoe	y: Katie
2	5
4	15
5	20
6	25
10	45
20	95