Lesson 1

We are used to thinking about operations as something that happens to two numbers.

$12 + 3$ means to _____ $12 - 3$ means to _____

11×3 means to _____ $12 \div 3$ means to _____

You can ALSO think of operations as an action that can happen to any number. In this case, it is called a function.

$x + 3$ means to _____

In the case of a function, it is easier to think about the operation being attached to the number which follows it. Then it is as if the function is an machine with numbers going into the machine and answers coming out. The number going in and the number coming out are called an ordered pair because they happen in a specific order.

Equation _____ Equation _____ Equation _____

x	f(x)

Equation _____ Equation _____ Equation _____

x	f(x)

Equation _____ Equation _____ Equation _____

x	f(x)

Equation _____ Equation _____ Equation _____

x	f(x)
1	4
2	5
3	6
4	7

Equation _____ Equation _____ Equation _____

x	f(x)
10	11
11	12
12	13
13	14
14	15

Equation _____ Equation _____ Equation _____

x	f(x)
1	4
2	5
3	6
4	7

Equation _____ Equation _____ Equation _____

x	f(x)
1	10
10	100
100	1,000
1,000	10,000

Equation _____ Equation _____ Equation _____

x	f(x)
11	1
10	1
100	10
1	1

Equation _____ Equation _____ Equation _____

x	f(x)
3	1
2	4
1	9
4	16

Make up your own function! _____

Fill in the table for your function!

x	f(x)