

Arithmetic Operators:



Addition

+

Subtraction

-

Multiplication *

Division /

Remainder %

your value by one; example if $x=2$
then $((x++))$ means x value will
increase by 1 and it is 3 now.

Decrement

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if your data is integers then use `(())`
syntax to perform arithmetic
operations else use `bc` (bash
calculator).

Integer Example:

$$x=4$$

$$y=7$$

((sum=x+y))

```
echo "The addition of $x and $y  
is: $sum"
```

Float/integer Example:

to perform arithmetic operations
on either integers or float
numbers.

$$x=4.5$$

$$y=6.7$$

```
sum=$(bc<<<"scale=3;$x+$y")
```

```
echo "The addtion of $x and $y is:  
$sum"
```