

JavaScript Arithmetic

- description : JavaScript Arithmetic
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- lastupdate : 2021-04-20

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[JavaScript Arithmetic](#)

JavaScript Arithmetic Operators

(Arithmetic Operators) ()

Operator	Description
+	addition()
-	subtraction()
*	Multiplication()
**	Exponentiation()
/	Division()
%	Modulus(Division Remainder)
++	Increment (가)
--	Decrement ()

(+=)

Arithmetic Operations

```
var x = 100 + 50;
```

가 .

```
var x = a + b;
```

(expressions) .

```
var x = (100 + 50) * a;
```

Operators and Operands

(operands) .

Operand ()	Operator ()	Operand ()
100	+	50

Adding

(addition) (+) .

```
var x = 5;  
var y = 2;  
var z = x + y;
```

Subtracting

(subtraction) (-) .

```
var x = 5;  
var y = 2;  
var z = x - y;
```

Multiplying

(Multiplication) (*)

```
var x = 5;
var y = 2;
var z = x * y;
```

Dividing

(division) (/)

```
var x = 5;
var y = 2;
var z = x / y;
```

Remainder

(modulus) (%)

```
var x = 5;
var y = 2;
var z = x % y;
```

, ** (quotient)** ** (remainder)**가

Incrementing

가(increment) (++) 가

```
var x = 5;
x++;
var z = z;
```

Decrementing

(decrement)

```
var x = 5;
x--;
var z = x;
```

Exponentiation

(Exponentiation) **(**)**

```
var x = 5;  
var z = x **2;      // result is 25, z = 5 **2 = 5 X 5
```

`x**y` `Math.pow(x, y)`

```
\\  
var x = 5;  
var z = Math.pow(x, 2);      // result is 25
```

Operator Precedence

```
var x = 100 + 50 * 3;      // x = 250
```

가 150 * 3 ? 100 + 150 ?
가 ?

(*) (/) (+) (-) 가
()

```
var x = (100 + 50) * 3;
```

(:)

```
var x = (100 + 50) - 3;
```

JavaScript Operator Precedence Values

., Javascript, Arithmetic

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. - 2023.12

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Last update: **2023/01/13 18:44**