

JavaScript Arithmetic

- description : JavaScript Arithmetic
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Source of the article

[JavaScript Arithmetic](#)

JavaScript Arithmetic Operators

(Arithmetic Operators) ()

| Operator | Description |
|----------|-----------------------------|
| + | addtion() |
| - | subtraction() |
| * | Multiplication() |
| ** | Exponentiation() |
| / | Division() |
| % | Modulus(Division Remainder) |
| ++ | Invcrement (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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