

# JavaScript Arithmetic

- description : JavaScript Arithmetic
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## 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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