

JavaScript Operators

JavaScript Arithmetic Operators

+	Addition	
-	Subtraction	
*	Multiplication	
/	Division	
%	Modulus (Division Remainder)	2 % 5 = 1
++	Increment	count ++; ++count
--	Decrement	total-- --total

Increment ++ Operand

```
<script>
```

```
    var num = 10;
```

```
    console.log(num++);
```

```
    //increment after the variable
```

```
    console.log(num);
```

```
    console.log(++num);
```

```
    //increment before the variable
```

```
    console.log(num);
```

```
</script>
```

Decrement -- Operand

```
<script>
```

```
    var num = 10;
```

```
    console.log(num--);
```

```
//decrease after the variable
```

```
    console.log(num);
```

```
    console.log(--num);
```

```
//decrease before the variable
```

```
    console.log(num);
```

```
</script>
```

JavaScript Assignment Operators

Operator	Example	Same As
=	x = y	x = y
+=	x +=y	x = x + y
-=	x -=y	x = x - y
*=	x *= y	x = x * y
/=	x /= y	x = x / y
%=	x %= y	x = x % y

JavaScript Operator Precedence

()	Parenthesis
**	Exponent
*	Multiplication
/	Division
%	Modulus (Division Remainder)
+	Addition
-	Subtraction

Concatenate Operator +

The + operator can be used to concatenate strings.

```
var firstName = "John";
```

```
var lastName = "Doe";
```

```
var fullName = firstName + " " + lastName;
```

Adding Strings and Numbers

- Adding numbers, will return a number.
- Adding a number and a string will return a string.

Adding Strings and Numbers

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

```
var y = "5" + 5;
```

```
var z = "Hello" + 5;
```

RESULT:

10

55

Hello5