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# JavaScript Number Object

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## Number Object

The Number object is an object wrapper for primitive numeric values.

Number objects are created with new Number().

## Syntax

```
var num = new Number(value);
```

**Note:** If the value parameter cannot be converted into a number, it returns NaN (Not-a-Number).

## Number Object Properties

Property	Description
<a href="#"><u>constructor</u></a>	Returns the function that created the Number object's prototype
<a href="#"><u>MAX_VALUE</u></a>	Returns the largest number possible in JavaScript
<a href="#"><u>MIN_VALUE</u></a>	Returns the smallest number possible in JavaScript
<a href="#"><u>NEGATIVE_INFINITY</u></a>	Represents negative infinity (returned on overflow)
<a href="#"><u>POSITIVE_INFINITY</u></a>	Represents infinity (returned on overflow)
<a href="#"><u>prototype</u></a>	Allows you to add properties and methods to an object

## Number Object Methods

Method	Description
<a href="#"><u>toExponential(x)</u></a>	Converts a number into an exponential notation
<a href="#"><u>toFixed(x)</u></a>	Formats a number with x numbers of digits after the decimal point
<a href="#"><u>toPrecision(x)</u></a>	Formats a number to x length
<a href="#"><u>toString()</u></a>	Converts a Number object to a string
<a href="#"><u>valueOf()</u></a>	Returns the primitive value of a Number object

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