Math Methods

[**Static properties**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math#static_properties)

[Math.E](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/E)

Euler's number and the base of natural logarithms; approximately 2.718.

[Math.LN10](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/LN10)

Natural logarithm of 10; approximately 2.303.

[Math.LN2](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/LN2)

Natural logarithm of 2; approximately 0.693.

[Math.LOG10E](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/LOG10E)

Base-10 logarithm of E; approximately 0.434.

[Math.LOG2E](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/LOG2E)

Base-2 logarithm of E; approximately 1.443.

[Math.PI](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/PI)

Ratio of a circle's circumference to its diameter; approximately 3.14159.

[Math.SQRT1\_2](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/SQRT1_2)

Square root of ½; approximately 0.707.

[Math.SQRT2](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/SQRT2)

Square root of 2; approximately 1.414.

[**Static methods**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math#static_methods)

[Math.abs()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/abs)

Returns the absolute value of x.

[Math.acos()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/acos)

Returns the arccosine of x.

[Math.acosh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/acosh)

Returns the hyperbolic arccosine of x.

[Math.asin()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/asin)

Returns the arcsine of x.

[Math.asinh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/asinh)

Returns the hyperbolic arcsine of a number.

[Math.atan()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/atan)

Returns the arctangent of x.

[Math.atan2()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/atan2)

Returns the arctangent of the quotient of its arguments.

[Math.atanh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/atanh)

Returns the hyperbolic arctangent of x.

[Math.cbrt()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/cbrt)

Returns the cube root of x.

[Math.ceil()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/ceil)

Returns the smallest integer greater than or equal to x.

[Math.clz32()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/clz32)

Returns the number of leading zero bits of the 32-bit integer x.

[Math.cos()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/cos)

Returns the cosine of x.

[Math.cosh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/cosh)

Returns the hyperbolic cosine of x.

[Math.exp()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/exp)

Returns ex, where x is the argument, and e is Euler's number (2.718…, the base of the natural logarithm).

[Math.expm1()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/expm1)

Returns subtracting 1 from exp(x).

[Math.floor()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/floor)

Returns the largest integer less than or equal to x.

[Math.fround()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/fround)

Returns the nearest [single precision](https://en.wikipedia.org/wiki/Single-precision_floating-point_format) float representation of x.

[Math.hypot()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/hypot)

Returns the square root of the sum of squares of its arguments.

[Math.imul()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/imul)

Returns the result of the 32-bit integer multiplication of x and y.

[Math.log()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/log)

Returns the natural logarithm (㏒e; also, ㏑) of x.

[Math.log10()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/log10)

Returns the base-10 logarithm of x.

[Math.log1p()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/log1p)

Returns the natural logarithm (㏒e; also ㏑) of 1 + x for the number x.

[Math.log2()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/log2)

Returns the base-2 logarithm of x.

[Math.max()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/max)

Returns the largest of zero or more numbers.

[Math.min()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/min)

Returns the smallest of zero or more numbers.

[Math.pow()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/pow)

Returns base x to the exponent power y (that is, xy).

[Math.random()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/random)

Returns a pseudo-random number between 0 and 1.

[Math.round()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/round)

Returns the value of the number x rounded to the nearest integer.

[Math.sign()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/sign)

Returns the sign of the x, indicating whether x is positive, negative, or zero.

[Math.sin()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/sin)

Returns the sine of x.

[Math.sinh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/sinh)

Returns the hyperbolic sine of x.

[Math.sqrt()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/sqrt)

Returns the positive square root of x.

[Math.tan()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/tan)

Returns the tangent of x.

[Math.tanh()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/tanh)

Returns the hyperbolic tangent of x.

[Math.trunc()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/trunc)

Returns the integer portion of x, removing any fractional digits.