

Complete JavaScript Built-in Methods Cheat Sheet

String Methods (~35 total)

Method	Description
charAt(index)	Returns character at index
charCodeAt(index)	Returns Unicode value
concat(str1, str2)	Joins strings
includes(substring)	Checks if substring exists
endsWith(value)	Checks if ends with given text
startsWith(value)	Checks if starts with given text
indexOf(value)	Finds position of substring
lastIndexOf(value)	Finds last occurrence
match(regex)	Matches with regex
matchAll(regex)	Returns all matches
padStart(length, str)	Adds padding at start
padEnd(length, str)	Adds padding at end
repeat(count)	Repeats string
replace(old, new)	Replaces substring
replaceAll(old, new)	Replaces all occurrences
search(regex)	Searches via regex
slice(start, end)	Extracts substring
split(separator)	Splits into array
substring(start, end)	Extracts part of string
toLowerCase()	Converts to lowercase
toUpperCase()	Converts to uppercase
trim()	Removes whitespace
trimStart()	Removes left spaces
trimEnd()	Removes right spaces
toString()	Converts to string
valueOf()	Returns primitive value
localeCompare(str)	Compares two strings
normalize()	Unicode normalization
codePointAt()	Unicode code point
fromCharCode()	Returns characters from Unicode

Array Methods (~40 total)

Method	Description
push()	Add element at end
pop()	Remove last element
shift()	Remove first element
unshift()	Add element at start
concat()	Merge arrays
join()	Convert to string
slice()	Extract part
splice()	Add/remove items
indexOf()	Find index
lastIndexOf()	Find last index
includes()	Check existence
reverse()	Reverse array
sort()	Sort items
forEach()	Loop through
map()	Create new array
filter()	Filter values
reduce()	Reduce to single value
reduceRight()	Reduce right-to-left
every()	All elements true?
some()	Any element true?
find()	Return first match
findIndex()	Return index of match
flat()	Flatten nested arrays
flatMap()	Map + flatten
fill()	Fill with value
copyWithin()	Copy part inside
entries()	Key/value iterator
keys()	Keys iterator
values()	Values iterator
from()	Create from iterable
isArray()	Check if array
of()	Create array from args
toString()	Convert to string
toLocaleString()	Locale string

Object Methods (~12 total)

Method	Description
Object.keys(obj)	Returns array of keys
Object.values(obj)	Returns array of values
Object.entries(obj)	Key/value pairs
Object.assign(target, source)	Copy properties
Object.create(proto)	Create new object
Object.defineProperty()	Define property
Object.freeze()	Make immutable
Object.seal()	Prevent adding/removing
Object.hasOwn(obj, key)	Check own property
Object.fromEntries(arr)	Convert pairs → object
Object.getPrototypeOf(obj)	Get prototype
Object.setPrototypeOf(obj, proto)	Set prototype

Math Methods (~35 total)

Method	Description
Math.abs()	Absolute value
Math.acos()	Arc cosine
Math.asin()	Arc sine
Math.atan()	Arc tangent
Math.atan2(y, x)	Arc tangent (2 args)
Math.ceil()	Round up
Math.floor()	Round down
Math.round()	Nearest integer
Math.trunc()	Remove decimals
Math.max()	Largest value
Math.min()	Smallest value
Math.pow()	Raise to power
Math.sqrt()	Square root
Math.cbrt()	Cube root
Math.log()	Natural log
Math.log10()	Base-10 log
Math.log2()	Base-2 log
Math.exp()	Exponential
Math.sin()	Sine
Math.cos()	Cosine
Math.tan()	Tangent

Math.random()	Random 0–1
Math.sign()	Returns sign
Math.hypot()	Square root of sum squares
Math.clz32()	Leading zeros in 32-bit
Math.fround()	32-bit float
Math.imul()	32-bit multiplication

Number Methods (~10 total)

Method	Description
toFixed()	Set decimal places
toPrecision()	Set total digits
toExponential()	Scientific format
toString()	Convert to string
valueOf()	Primitive value
isNaN()	Check NaN
isInteger()	Check integer
parseFloat()	Convert string → float
parseInt()	Convert string → integer
isFinite()	Check finite number

Date Methods (~45 total)

Method	Description
getDate()	Day of month
getDay()	Day of week
getFullYear()	Year
getHours()	Hour
getMinutes()	Minutes
getSeconds()	Seconds
getMilliseconds()	Milliseconds
getMonth()	Month (0–11)
getTime()	Milliseconds since 1970
getTimezoneOffset()	Timezone diff
setDate()	Set day
setFullYear()	Set year
setHours()	Set hour
setMinutes()	Set minutes
setSeconds()	Set seconds

setMilliseconds()	Set milliseconds
setMonth()	Set month
setTime()	Set timestamp
toDateString()	Date → string
toISOString()	ISO format
toLocaleDateString()	Local date format
toLocaleTimeString()	Local time format
toLocaleString()	Local full date/time
toTimeString()	Time → string
toUTCString()	UTC string
now()	Current time (static)
parse()	Parse string → ms (static)
UTC()	Create UTC date (static)

JSON Methods (2 total)

Method	Description
JSON.parse()	Convert string → object
JSON.stringify()	Convert object → string

Console Methods (~10 total)

Method	Description
console.log()	Log message
console.error()	Log error
console.warn()	Warning message
console.info()	Info message
console.debug()	Debug message
console.table()	Table format
console.clear()	Clear console
console.time()	Start timer
console.timeEnd()	End timer
console.count()	Count calls

Promise Methods (6 total)

Method	Description
Promise.all()	Wait for all promises
Promise.allSettled()	Wait for all (resolve/reject)
Promise.any()	First successful

Promise.race()	First settled
Promise.resolve()	Create resolved
Promise.reject()	Create rejected

Map & Set Methods (~12 total)

Method	Description
map.set(key, value)	Add pair
map.get(key)	Get value
map.has(key)	Check key
map.delete(key)	Delete pair
map.clear()	Clear all
map.size	Total count
set.add(value)	Add value
set.has(value)	Check presence
set.delete(value)	Remove
set.clear()	Clear all
set.size	Count values