

JavaScript Operator Precedence

The following table is ordered from highest (20) to lowest (1) precedence.

Precedence	Operator type	Associativity	Individual operators
20	Grouping	n/a	(...)
19	Member Access	left-to-right
	Computed Member Access	left-to-right	... [...]
	new (with argument list)	n/a	new ... (...)
	Function Call	left-to-right	... (...)
18	new (without argument list)	right-to-left	new ...
17	Postfix Increment	n/a	... ++
	Postfix Decrement		... --
16	Logical NOT	right-to-left	! ...
	Bitwise NOT		~ ...
	Unary Plus		+ ...
	Unary Negation		- ...
	Prefix Increment		++ ...
	Prefix Decrement		-- ...
	typeof		typeof ...
	void		void ...
	delete		delete ...

	await		await ...
15	Exponentiation	right-to-left	... ** ...
14	Multiplication	left-to-right	... * ...
	Division		... / ...
	Remainder		... % ...
13	Addition	left-to-right	... + ...
	Subtraction		... - ...
12	Bitwise Left Shift	left-to-right	... << ...
	Bitwise Right Shift		... >> ...
	Bitwise Unsigned Right Shift		... >>> ...
11	Less Than	left-to-right	... < ...
	Less Than Or Equal		... <= ...
	Greater Than		... > ...
	Greater Than Or Equal		... >= ...
	in		... in ...
	instanceof		... instanceof ...
10	Equality	left-to-right	... == ...
	Inequality		... != ...
	Strict Equality		... === ...
	Strict Inequality		... !== ...
9	Bitwise AND	left-to-right	... & ...
8	Bitwise XOR	left-to-right	... ^ ...

7	Bitwise OR	left-to-right
6	Logical AND	left-to-right	... && ...
5	Logical OR	left-to-right
4	Conditional	right-to-left	... ? ... : ...
3	Assignment	right-to-left	... = ...
			... += ...
			... -= ...
			... **= ...
			... *= ...
			... /= ...
			... %= ...
			... <<= ...
			... >>= ...
			... >>>= ...
			... &= ...
			... ^= ...
			... = ...
2	yield	right-to-left	yield ...
	yield*		yield* ...
1	Comma / Sequence	left-to-right	... , ...