**Operator Precedence and Associativity**

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| **Precedence** | **Operator type** | **Associativity** | **Individual operators** |
| 19 | [Grouping](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Grouping) | n/a | ( … ) |
| 18 | [Member Access](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Property_Accessors#dot_notation) | left-to-right | … . … |
| [Computed Member Access](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Property_Accessors#bracket_notation) | left-to-right | … [ … ] |
| [new](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/new) (with argument list) | n/a | new … ( … ) |
| [Function Call](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Functions) | left-to-right | … ( … ) |
| [Optional chaining](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Optional_chaining) | left-to-right | ?. |
| 17 | [new](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/new) (without argument list) | right-to-left | new … |
| 16 | [Postfix Increment](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators#increment_and_decrement) | n/a | … ++ |
| [Postfix Decrement](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators#increment_and_decrement) | … -- |
| 15 | [Logical NOT (!)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_NOT) | right-to-left | ! … |
| [Bitwise NOT (~)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_NOT) | ~ … |
| [Unary plus (+)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Unary_plus) | + … |
| [Unary negation (-)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Unary_negation) | - … |
| [Prefix Increment](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators#increment_and_decrement) | ++ … |
| [Prefix Decrement](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators#increment_and_decrement) | -- … |
| [typeof](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/typeof) | typeof … |
| [void](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/void) | void … |
| [delete](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/delete) | delete … |
| [await](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/await) | await … |
| 14 | [Exponentiation (\*\*)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Exponentiation) | right-to-left | … \*\* … |
| 13 | [Multiplication (\*)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Multiplication) | left-to-right | … \* … |
| [Division (/)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Division) | … / … |
| [Remainder (%)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Remainder) | … % … |
| 12 | [Addition (+)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Addition) | left-to-right | … + … |
| [Subtraction (-)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Subtraction) | … - … |
| 11 | [Bitwise Left Shift (<<)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Left_shift) | left-to-right | … << … |
| [Bitwise Right Shift (>>)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Right_shift) | … >> … |
| [Bitwise Unsigned Right Shift (>>>)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Unsigned_right_shift) | … >>> … |
| 10 | [Less Than (<)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Less_than) | left-to-right | … < … |
| [Less Than Or Equal (<=)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Less_than_or_equal) | … <= … |
| [Greater Than (>)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Greater_than) | … > … |
| [Greater Than Or Equal (>=)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Greater_than_or_equal) | … >= … |
| [in](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/in) | … in … |
| [instanceof](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/instanceof) | … instanceof … |
| 9 | [Equality (==)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Equality) | left-to-right | … == … |
| [Inequality (!=)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Inequality) | … != … |
| [Strict Equality (===)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Strict_equality) | … === … |
| [Strict Inequality (!==)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Strict_inequality) | … !== … |
| 8 | [Bitwise AND (&)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_AND) | left-to-right | … & … |
| 7 | [Bitwise XOR (^)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_XOR) | left-to-right | … ^ … |
| 6 | [Bitwise OR (|)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_OR) | left-to-right | … | … |
| 5 | [Logical AND (&&)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_AND) | left-to-right | … && … |
| 4 | [Logical OR (||)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_OR) | left-to-right | … || … |
| [Nullish coalescing operator (??)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Nullish_coalescing_operator) | left-to-right | … ?? … |
| 3 | [Conditional (ternary) operator](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Conditional_Operator) | right-to-left | … ? … : … |
| 2 | [Assignment](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators#assignment_operators) | right-to-left | … = … |
| … += … |
| … -= … |
| … \*\*= … |
| … \*= … |
| … /= … |
| … %= … |
| … <<= … |
| … >>= … |
| … >>>= … |
| … &= … |
| … ^= … |
| … |= … |
| … &&= … |
| … ||= … |
| … ??= … |
| [yield](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/yield) | right-to-left | yield … |
| [yield\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/yield*) | yield\* … |
| 1 | [Comma / Sequence](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comma_Operator) | left-to-right | … , … |