Operator precedence and associativity chart in JavaScript

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| **Operator** | **Operator Use** | **Operator Associativity** | **Operator Precedence** |
| () | Method/function call, grouping | Left to right | Highest — 1 |
| [] | Array access | Left to right | 1 |
| . | Object property access | Left to right | 1 |
| ++ | Increment | Right to left | 2 |
| -- | Decrement | Right to left | 2 |
| - | Negation | Right to left | 2 |
| ! | Logical NOT | Right to left | 2 |
| ~ | Bitwise NOT | Right to left | 2 |
| delete | Removes array value or object property | Right to left | 2 |
| new | Creates an object | Right to left | 2 |
| typeof | Returns data type | Right to left | 2 |
| void | Specifies no value to return | Right to left | 2 |
| / | Division | Left to right | 3 |
| \* | Multiplication | Left to right | 3 |
| % | Modulus | Left to right | 3 |
| + | Plus | Left to right | 4 |
| + | String Concatenation | Left to right | 4 |
| - | Subtraction | Left to right | 4 |
| >> | Bitwise right-shift | Left to right | 5 |
| << | Bitwise left-shift | Left to right | 5 |
| >, >= | Greater than, greater than or equal to | Left to right | 6 |
| <, <= | Less than, less than or equal to | Left to right | 6 |
| == | Equality | Left to right | 7 |
| != | Inequality | Left to right | 7 |
| === | Identity operator — equal to (and same data type) | Left to right | 7 |
| !== | Non-identity operator — not equal to (or don't have the same data type) | Left to right | 7 |
| & | Bitwise AND | Left to right | 8 |
| ^ | Bitwise XOR | Left to right | 9 |
| | | Bitwise OR | Left to right | 10 |
| && | Logical AND | Left to right | 11 |
| || | Logical OR | Left to right | 12 |
| ?: | Conditional branch | Right to Left | 13 |
| = | Assignment | Right to left | 14 |
| \*=, /=, %=, +=,, -=, <<=, >>=, >>>=, &=, ^=, |= | Assignment according to the preceding operator | Right to left | 14 |
| , | Multiple evaluation | Left to right | Lowest: |