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| --- | --- | --- | --- |
| **Precedence** | **Operator** | **Type** | **Associativity** |
| 15 | () [] · | Parentheses Array subscript Member selection | Left to Right |
| 14 | ++ -- | Unary post-increment Unary post-decrement | Right to left |
| 13 | ++ -- + - ! ~ ( *type* ) | Unary pre-increment Unary pre-decrement Unary plus Unary minus Unary logical negation Unary bitwise complement Unary type cast | Right to left |
| 12 | \*  /  % | Multiplication Division Modulus | Left to right |
| 11 | + - | Addition Subtraction | Left to right |
| 10 | << >> >>> | Bitwise left shift Bitwise right shift with sign extension Bitwise right shift with zero extension | Left to right |
| 9 | < <= > >= instanceof | Relational less than Relational less than or equal Relational greater than Relational greater than or equal Type comparison (objects only) | Left to right |
| 8 | == != | Relational is equal to Relational is not equal to | Left to right |
| 7 | & | Bitwise AND | Left to right |
| 6 | ^ | Bitwise exclusive OR | Left to right |
| 5 | | | Bitwise inclusive OR | Left to right |
| 4 | && | Logical AND | Left to right |
| 3 | || | Logical OR | Left to right |
| 2 | ? : | Ternary conditional | Right to left |
| 1 | = += -= \*= /= %= | Assignment Addition assignment Subtraction assignment Multiplication assignment Division assignment Modulus assignment | Right to left |
|  |  |  |  |