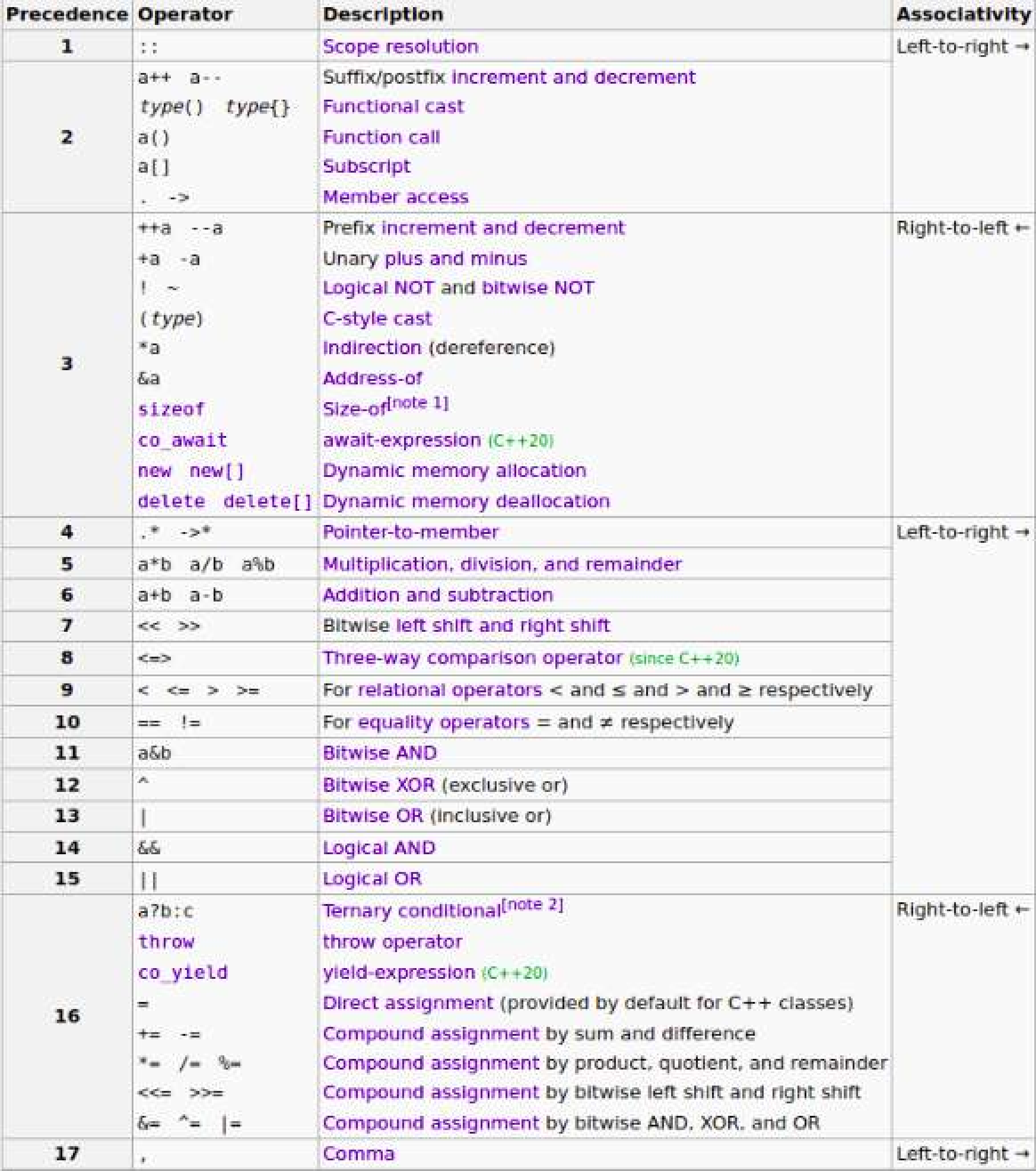

Precedence	Operator	Description	Associativity
1	::	Scope resolution	Left-to-right →
2	a++ a-- *type*() *type*{} a() a[] . ->	Suffix/postfix increment and decrement Functional cast Function call Subscript Member access	
3	++a --a +a -a ! ~ (*type*) *a &a sizeof co_await new new[] delete delete[]	Prefix increment and decrement Unary plus and minus Logical NOT and bitwise NOT C-style cast Indirection (dereference) Address-of Size-of[note 1] await-expression (C++20) Dynamic memory allocation Dynamic memory deallocation	Right-to-left ←
4	.* ->*	Pointer-to-member	Left-to-right →
5	a*b a/b a%b	Multiplication, division, and remainder	
6	a+b a-b	Addition and subtraction	
7	<< >>	Bitwise left shift and right shift	
8	<=>	Three-way comparison operator (since C++20)	
9	< <= > >=	For relational operators < and ≤ and > and ≥ respectively	
10	== !=	For equality operators = and ≠ respectively	
11	a&b	Bitwise AND	
12	^	Bitwise XOR (exclusive or)	
13	|	Bitwise OR (inclusive or)	
14	&&	Logical AND	
15	||	Logical OR	
16	a?b:c throw co_yield = += -= *= /= %= <<= >>= &= ^= |=	Ternary conditional[note 2] throw operator yield-expression (C++20) Direct assignment (provided by default for C++ classes) Compound assignment by sum and difference Compound assignment by product, quotient, and remainder Compound assignment by bitwise left shift and right shift Compound assignment by bitwise AND, XOR, and OR	Right-to-left ←
17	,	Comma	Left-to-right →