

## JAVA Operator Precedence

Operator precedence is displayed from highest to lowest; those of the same priority have equal precedence.

Priority	Operator	Operation	Associativity
1	[ ]	Array index	Left to Right
	()	Method call	
	.	Member access	
2	++	Prefix or postfix increment	Right to Left
	--	Prefix or postfix decrement	
	+ -	Unary plus, minus	
	~	Bitwise NOT	
	!	Boolean (logical) NOT	
	(type)	Cast	
	new	Object creation	
3	* / %	Multiplication, division, remainder	Left to Right
4	+ -	Addition, subtraction	Left to Right
	+	String concatenation	
5	<<	Signed bit shift left to right	Left to Right
	>>	Signed bit shift right to left	
	>>>	Unsigned bit shift right to left	
6	< <=	Less than, less than or equal to	Left to Right
	> >=	Greater than, greater than or equal to	
	instanceof	Reference test	
7	==	Equal to	Left to Right
	!=	Not equal to	
8	&	Bitwise AND	Left to Right
9	^	Bitwise XOR	Left to Right
10		Bitwise OR	Left to Right
11	&&	Boolean (logical) AND	Left to Right
12		Boolean (logical) OR	Left to Right
13	? :	Conditional	Right to Left
14	= *= /= += -= %=	Assignment	Right to Left
	<<= >>= >>>=		
	&= ^=  =		