

JAVA OPERATORS AND THEIR RELATIVE PRECEDENCE

1 is highest precedence

Operator	Description	Precedence	Operator	Description	Precedence
<i>postfix operators</i>		1	<i>equality operators</i>		7
++	postfix increment		==	is equal to	
--	postfix decrement		!=	is not equal to	
<i>unary operators</i>		2	<i>bitwise AND</i>		8
++	prefix increment		&	bitwise AND	
--	prefix decrement		<i>bitwise exclusive OR</i>		9
+	leading plus		^	exclusive OR	
-	leading minus		<i>bitwise inclusive OR</i>		10
!	logical not			inclusive OR	
~	Bitwise complement		<i>logical AND</i>		11
<i>multiplicative operators</i>		3	&&	conditional AND	
*	multiplication		<i>logical OR</i>		12
/	division			conditional OR	
%	remainder		<i>ternary</i>		13
<i>additive operators</i>		4	? :	conditional	
+	addition		<i>assignment</i>		14
-	subtraction		=	assignment	
<i>shift operators</i>		5	+=	addition assignment	
<<	shift left		-=	subtraction assignment	
>>	shift right		*=	multiplication assignment	
>>>	unsigned shift right		/=	division assignment	
<i>relational operators</i>		6	%=	remainder assignment	
<	less than		&=	bitwise AND assignment	
<=	less than or equal to		^=	bitwise exclusive OR assignment	
>	greater than		=	bitwise inclusive OR assignment	
>=	greater than or equal to		<<=	bitwise left shift assignment	
instanceof	class comparator		>>=	bitwise right shift assignment	
			>>>=	bitwise unsigned right shift assign	

