

Order of Operators by Priority

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Priority of operators within each of the listed categories rises from left to right. Priority of the whole operators category from bottom to the top.

, &, !
>, <, >=, <=, =, #
+, -, *, /

It is important to realize, that the priority of the operators +, - or *, / is not the same. Mainly different priorities of multiplication and division may cause incorrect results in the integer logic. For example: the result of the integer expression $25 * 50 / 900$ is 0, because as the first there is performed the division and then the multiplication. The correct result is evaluated after the modification of the expression to the form: $(25 * 50) / 900$.



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