**Arithmetic operators.**

(+,-,\*,/,%)

The five arithmetical operations supported by C++ are:

|  |  |
| --- | --- |
| **operator** | **description** |
| + | addition |
| - | subtraction |
| \* | multiplication |
| / | division |
| % | modulo |

Operations of addition, subtraction, multiplication and division correspond literally to their respective mathematical operators. The last one, *modulo operator*, represented by a percentage sign (%), gives the remainder of a division of two values. For example:

|  |  |  |
| --- | --- | --- |
|  | x = 11 % 3; |  |

results in variable x containing the value 2, since dividing 11 by 3 results in 3, with a remainder of 2.

|  |  |  |
| --- | --- | --- |
|  | x = 8 % 10; |  |

results in variable x containing the value 8, since dividing 8 by 10 results in 0, with a remainder of 8.