

5. BASIC OPERATORS

Operators are the constructs which can manipulate the value of operands.

Consider the expression $4 + 5 = 9$. Here, 4 and 5 are called operands and + is called operator.

Types of Operators

Python language supports the following types of operators.

- Arithmetic Operators
- Comparison (Relational) Operators
- Assignment Operators
- Logical Operators
- Bitwise Operators
- Membership Operators
- Identity Operators

Let us have a look on all operators one by one.

Python Arithmetic Operators

Assume variable a holds 10 and variable b holds 20, then:

Operator	Description	Example
+ Addition	Adds values on either side of the operator.	$a + b = 30$
- Subtraction	Subtracts right hand operand from left hand operand.	$a - b = -10$
* Multiplication	Multiplies values on either side of the operator	$a * b = 200$