

Python 3 Operator Precedence

| Operator | Description | Associativity |
|---|--|---------------|
| <code>lambda</code> | Lambda | Left to Right |
| <code>or</code> | Boolean | Left to Right |
| <code>and</code> | Boolean | Left to Right |
| <code>not</code> | Boolean | Left to Right |
| <code>in, not in, is, is not, <, <=, >, >=, !=, ==</code> | Comparisons | Right to Left |
| <code> </code> | Bitwise | Left to Right |
| <code>^</code> | Bitwise | Left to Right |
| <code>&</code> | Bitwise | Left to Right |
| <code><<, >></code> | Shift | Left to Right |
| <code>+, -</code> | Addition, subtraction | Left to Right |
| <code>*, /, //, %</code> | Multiplication, division, remainder (modulo) | Left to Right |
| <code>+X, -X, ~X</code> | Unary arithmetic | Left to Right |
| <code>**</code> | Exponentiation | Left to Right |
| <code>x[slice], x(arguments...), x.attribute</code> | Slice, function call, attribute reference | Right to Left |
| <code>(expression...), [expression...], {key:value}</code> | Binding, tuple, list, dictionary | Left to Right |