

Operator Precedence

e.g. $2 + 3 * 2$

Operator	Description
**	power
+ -	Plus, minus
* / // %	Multiply, divide, floor divide, modulo
+ -	Addition, Subtraction

https://www.tutorialspoint.com/python/operators_precedence_example.htm

Examples

$$2 + 2 ** 2 = 6$$

$$2 - 2 ** 2 = -2$$

$$-3 ** 2 = -9$$

$$8 + 4 / 2 = 10$$

$$8 + 1 // 2 = 8$$

$$3 + 2 \% 5 = 5$$

parentheses changes the precedence

$$(2 + 2) ** 2 = 16$$

$$(2 - 2) ** 2 = 0$$

$$(-3) ** 2 = 9$$

$$(8 + 4) / 2 = 6$$

$$(8 + 1) // 2 = 4$$

$$(3 + 2) \% 5 = 0$$

parentheses changes the precedence

$$2 + \underline{3 \times 2 \times 3} + 5 + 7$$

$$2 + 18 + 5 + 7 = 32$$

$$2 + 3 \times (\underline{2 \times 3 + 5}) + 7$$

$$2 + 3 \times \underline{11} + 7$$

$$2 + 33 + 7 = 42$$

$$2 + 3 \times (\underline{(2 \times 3 + 5) + 7})$$

$$2 + 3 \times \underline{(11 + 7)}$$

$$2 + 3 \times 18 =$$