**# Python Math**

**# Python has a set of built-in math functions, including an extensive math module, that allows you to perform mathematical tasks on numbers.**

**# The min() and max() functions can be used to find the lowest or highest value in an iterable:**

x = min(5, 10, 25)

y = max(5, 10, 25)

print(x)

print(y)

**# The abs() function returns the absolute (positive) value of the specified number:**

x = abs(-7)

print(x)

**The Math Module**

**Python has also a built-in module called math, which extends the list of mathematical functions.**

import math

x = math.sqrt(64)

print(x)

**#  It rounds the number UP to the next whole number.**

import math

print(math.ceil(4.2))

print(math.ceil(7.8))

**#It rounds the number DOWN to the previous whole number.**

import math

print(math.floor(4.9))

print(math.floor(7.1))

**# The math.pi constant, returns the value of PI (3.14...):**

import math

x = math.pi

print(x)