Number 20 Math QAP

1. math.trunc()

This function separates a number to its integer part, effectively removing any decimal portion without rounding.

Example:

Number = 5.9

Results = math.trunc(Number)

print(Results)

Output would print only the 5

2. math.floor()

This function returns the largest integer less than or equal to the given number. It effectively rounds down to the nearest whole number.

Example:

Number = 5.9

Results = math.floor(Number)

print(Results)

Output would print only the 5

3. math.ceil()

This function returns the smallest integer greater than or equal to the given number. It effectively rounds up to the nearest whole number.

Example:

Number = 5.9

Results = math.ceil(Number)

print(Results)

Output would print only the 6

4. math.sqrt()

This function returns the square root of a non-negative number. If the input is negative, it raises a ValueError.

Example:

Number = 16

Results = math.sqrt(Number)

print(Results)

Output would print only the 4