

Expression	Expected Value	Calculated Value	Reason for Calculation
math.sqrt(9)	3	3	Square root of a number
math.sqrt(-9)	3	3	Square root of a number
math.floor(3.7)	3	3	Rounds a number to the largest integer not greater than that number
math.ceil(3.7)	4	4	Rounds a number to the largest integer not less than that number
math.ceil(-3.7)	3	3	Rounds a number to the largest integer not less than that number
math.copysign(2, -3.7)	?	-2.0	
math.trunc(3.7)	3	3	
math.trunc(-3.7)	-3	-3	
math.pi	3.14	3.141592653589793	Returns the pi number
math.cos(math.pi)	-1.0	-1.0	Returns the cos of the value of pi