|  |  |  |  |
| --- | --- | --- | --- |
| **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 |