|  |  |  |  |
| --- | --- | --- | --- |
| Expression | Expected  Value | Calculated  Value | Reasons for Calculated  Value |
| math.sqrt(9) | 3 | 3.0 | expected |
| math.sqrt(-9) | 3i | math domain error | The function could not compute the root of a negative number |
| math.floor(3.7) | 3 | 3 | Expected |
| math.ceil(-3.7) | -3 | -3 | Expected |
| math.copysign(2,-3.7) |  | -2.0 | Not sure |
| math.trunc(3.7) | 3 | 3 | expected |
| math.trunc(-3.7) | -3 | -3 | expected |
| math.pi | 3.14 | 3.141592653589793 | The value was rounded  To a certain decimal place |
| math.cos(math.pi) | -1 | -1.0 | expected |