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| --- | --- | --- | --- |
| Expression | Expected  Value | Calculated  Value | Reason for  Calculated Value |
| math.sqrt(9) | 3 | 3.0 | 3.0 is the square root of 9 |
| math.sqrt(-9) | 3j | Value error | It requires the import of cmath inorder to compute complex numbers |
| math.floor(3.7) | 3 | 3 | 3 is value of 3.7 rounded down to the nearest whole number |
| math.ceil(3.7) | 4 | 4 | 4 is value of 3.7 rounded up to the nearest whole number |
| math.ceil(-3.7) | -3 | -3 | -3 is value of -3.7 rounded up to the nearest whole number |
| math.copysign(2, -3.7) | ? | -2.0 | -2 is the calculated value because 2 is the magnitude and the negative is the sign of -3.7 so -2 is returned |
| math.trunc(3.7) | 3 | 3 | 3 is the truncated value of 3.7 |
| math.trunc(-3.7) | -3 | -3 | -3 is the truncated value of -3.7 |
| math.pi | 3.142 | 3.141592653589793 | The expression outputs the value of pi |
| math.cos(math.pi) | ? | -1.0 | The expression outputs the value of the cosine of pi |