|  |  |  |  |
| --- | --- | --- | --- |
| Expression | Expected value | Calculated value | Reason for calculated value |
| Math.sqrt(9) | 3.0 | 3.0 | Takes only the positive integer |
| Math.sqrt(-9) | None | Error | Can’t find square root of a number integer |
| Math.floor(3.7) | 3 | 3 | Returns the floor value of a number |
| Math.ceil(3.7) | 4 | 4 | Returns the ceil value of a number |
| Math.ceil(-3.7) | -3 | -3 | Returns the ceil value of the integer |
| Math.copysign(2, -3.7) | -2.0 | -2.0 | Copies the sign of the second value |
| Math.trunc(3.7) | 3 | 3 | Removes the decimal part without rounding of any kind |
| Math.trunc(-3.7) | -3 | -3 | Removes the decimal part without rounding of any kind |
| Math.pi | 3.14 | 3.141592653589793 | Prints the accurate value of pi |
| Math.cos(math.pi) | -1.0 | -1.0 | Returns the actual value of cosine of pi |