

1.5 Built-In and Library Functions

| Functions | Expected Output | Observed Output |
|---|-----------------|-----------------|
| <code>abs(-12)</code> | 12 | 12 |
| <code>abs(min(max(-12, 5), -15))</code> | 15 | 15 |
| <code>min(sum(range(1, 10, 2)),sum(range(2, 10, 2)))</code> | 20 | 20 |
| <code>max(round(25.64,0), round(25.64,2))</code> | 26.0 | 26.0 |
| <code>len("This is a test")</code> | 14 | 14 |

| Functions | Expected Output | Observed Output |
|--|-----------------|-------------------------------|
| <code>math.sqrt(7)</code> | 2.64 | 2.6457513110645907 |
| <code>math.sqrt(-7)</code> | error | ValueError: math domain error |
| <code>max(math.copysign(25, -2.0),sum([-5,-7,-15]))</code> | -25 | -25.0 |
| <code>min(math.ceil(-4.5), math.floor(-5.2))</code> | -6 | -6 |
| <code>max(math.trunc(-6.6), math.floor(-6.6))</code> | -6 | -6 |