**Common math functions**

| **Function** | **Meaning** | **Example** | **Result** |
| --- | --- | --- | --- |
| abs(x) | **Absolute value** (makes negative → positive) | abs(-5) | 5 |
| round(x) | **Rounds** to nearest integer (or decimal if specified) | round(3.6) / round(3.1415, 2) | 4 / 3.14 |
| math.ceil(x) | **Ceiling** → smallest integer **≥ x** | ceil(4.2) | 5 |
| math.floor(x) | **Floor** → largest integer **≤ x** | floor(4.9) | 4 |
| pow(x, y) or x \*\* y | **Power** (x to the power of y) | pow(2, 3) | 8 |
| math.sqrt(x) | **Square root** | sqrt(16) | 4 |
| max(a, b, c…) | **Largest value** | max(3, 7, 5) | 7 |
| min(a, b, c…) | **Smallest value** | min(3, 7, 5) | 3 |
| sum(list) | **Sum of elements** | sum([1,2,3]) | 6 |
| math.trunc(x) | **Truncate** (remove decimal part) | trunc(4.9) | 4 |