The following functions are continuous at **all real** numbers:

* all polynomials
* |x|
* cos(x) and sin(x)
* exponential functions ax with base a > 0

The following functions are continuous (or right continuous) at the **specified values of x**:

* , for x ≥ 0
* tan(x), at all x where it is defined
* logarithmic functions with base a > 0, for x > 0