Basic Toolkit of Functions

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| Constant: | f(x) = a |  | y = a |
| Identity: | f(x) = x |  | y = x |
| Reciprocal: | f(x) = |  | y = |
| Quadratic: | f(x) = x2 |  | y = x2 |
| Power: | f(x) = xn | n is even or odd | y = xn |
| Cubic: | f(x) = x3 |  | y = x3 |
| Greatest Integer: | f(x) = [x] |  | y = [x] |
| Square Root: | f(x) = |  | y= |
| Absolute Value: | f(x) = |x| |  | y = |x| |
| Exponential: | f(x) = ax |  | y = ax |
| Logarithmic: | f(x) = log a x |  | y = log a x |

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| Trigonometric:  f(x) = sin x  f(x) = cos x  f(x) = tan x | sin cos tan | y = sin x  y = cos x  y = tan x |