

# Functions

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## 1 introduction

Defination: A Function is correspondense between input numbers  $x - values$  and output numbers  $y - values$  than sends each input number  $x - value$  to exactly one output number  $y - value$  Sometimes a function is described with an equation

Example:  $y = x^2 + 1$  which can also be written as  $f(x) = x^2 + 1$