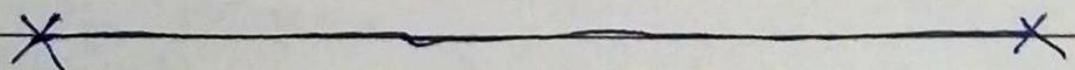
Functions with one Variable Vs. Functions with two Variables.

- A two variable function is a function whose inputs and/or outputs are made upto an multiple numbers. In contrast, a function with single-number input and a single number output is called a single-variable function.

- Functions with one variable are generally used to represent one-dimentional figures like a straight line, whereas functions with two variables are used to represent two-dimentional figures like a parabola or circle.

- Function with two variable poovide us with a better visualisation of the curve, whereas in case of one dimentional function, no such visualization can be made.

- For simplification of functions, we can deduce a two variable function into a single variable function as single variable function are simple to be solved.



Name : Abhishek Srivastava
Reg. No. : 19BCE10071

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PAGE

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