Monday, 22 February 2021 11:58 AM

$$f(n) = n^2 \rightarrow Single-Variabile.$$

$$n \rightarrow Domain$$

$$f(n) \rightarrow Range.$$

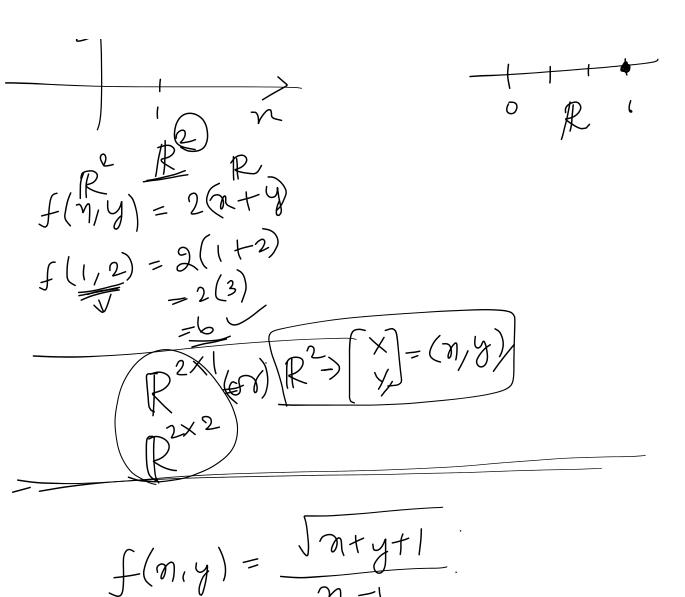
$$f(n,y) = n^2 + y^2$$

$$\frac{(\eta_1 y_1)}{(\eta_1 y_2)} = \frac{1}{1}$$

$$f(n_1, y_1, 2 \dots n)$$
 $f(n_1, n_2 \dots n) \rightarrow \text{function of } n-\text{Variables}.$ 

$$f: \mathbb{R}^2 \to \mathbb{R}$$

$$(1/2)$$



$$f(n,y) = \frac{\sqrt{n+y+1}}{n-1}$$

$$f(3,2) = \frac{\sqrt{3+2+1}}{3-1}$$

$$f(3,2) = \frac{\sqrt{3}}{3-1}$$

$$f(3,2) = \frac{\sqrt{6}}{2}$$

$$f(n,y,2) \to n+y+2$$

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$$f(n,y,2) \to n+y+2$$

$$\frac{1}{2} \frac{\text{find domain}}{\text{f(n,y)}} = \frac{\sqrt{n+y+1}}{n-1}$$

$$\frac{1}{2} \left( -\infty \right)^{2}$$

Denominating 
$$(n-1)$$
 $= \frac{\sqrt{1+1+1}}{0}$ 
 $= \frac{\sqrt{3}}{0} \times \frac{\sqrt{1+1+1}}{0}$ 
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Name  $(1,1)$ 
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