19 June 2023 18:36

$f(x) = x^x$.

$x^0 = 1$

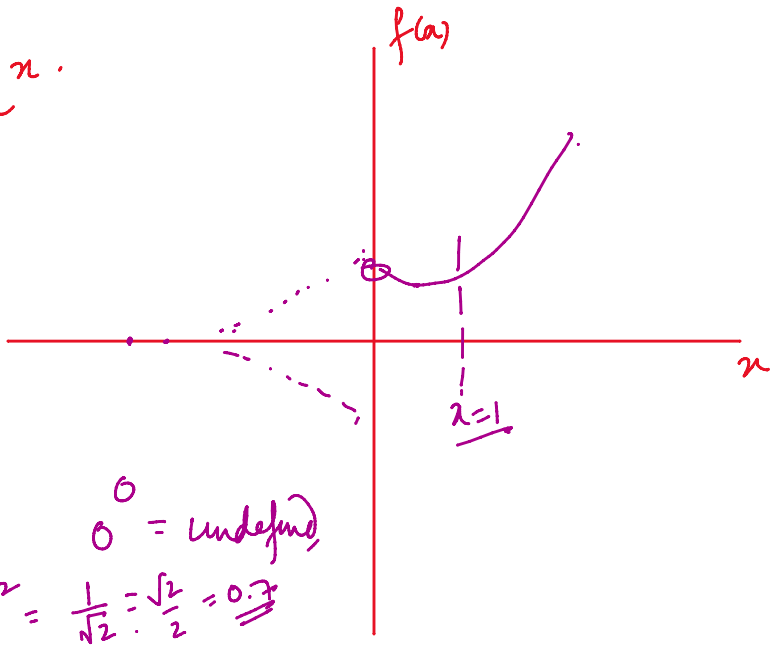
$x^0 = \frac{x}{x}$

$0^0 = \frac{0}{0}$

$x < 0$.

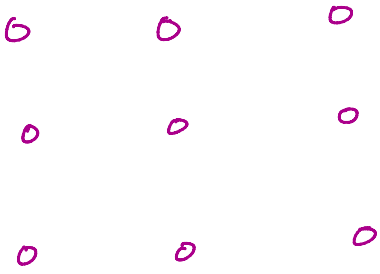
$(-10)^{-10} = \frac{1}{(-10)^{10}}$

$(-5.2)^{-5.2}$



$x = 0$. 0^0 = undefined

$x > 0$. $\left(\frac{1}{2}\right)^{\frac{1}{2}} = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2} = 0.7$



$a + b + c = 20$. $a, b, c \in W$ $a, b, c \in N$

How many triplets of (a, b, c) is possible?

$N+r-1 C_{r-1}$

$N-1 C_{r-1}$

Measures of central tendency

" " dispersion

Correlation & regression

Hypothesis testing / Goodness of fit

Distributions (Normal, Binomial, Poisson)

Probability (Bayes theorem)

Distributions (Normal, Binomial, Poisson)
Probability (Bayes theorem)