



This PDF is generated automatically by **Vizle**.
Slides created *only for a few minutes* of your Video.



For the full PDF, please **Login to Vizle**.

<https://vizle.offnote.co> (Login via Google, top-right)

Stay connected with us:

Join us on **Facebook, Discord, Quora, Telegram**.



$$f(x) = \frac{x^2 - 4}{x - 2}$$

$x \rightarrow 2, f(x) \rightarrow ?$

$$\lim_{x \rightarrow 2} \frac{x^2 - 4}{x - 2}$$

$$f(1.9) = \frac{1.9^2 - 4}{1.9 - 2} = \frac{-0.39}{-0.1} = 3.9$$

$$f(1.99) = \frac{1.99^2 - 4}{1.99 - 2} = \frac{-0.0399}{-0.01} = ?$$




Vizle

lim

$x \rightarrow 2$




$$\lim_{x \rightarrow 4} \frac{\left(\frac{1}{x} - \frac{1}{4}\right) 4x}{(x-4) 4x}$$

$$\lim_{x \rightarrow 4} \frac{4 - x}{(x-4)(4x)} = \lim_{x \rightarrow 4} \frac{-1(\cancel{x-4})}{(\cancel{x-4})(4x)}$$

$$\lim_{x \rightarrow 4} \frac{-1}{4x} = \frac{-1}{4(4)} = \frac{-1}{16}$$

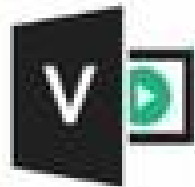


$\lim_{x \rightarrow 4}$

$$\frac{\frac{1}{x} - \frac{1}{4}}{x - 4}$$

Vizle

This PDF is generated automatically by **Vizle**.
Slides created *only for a few minutes* of your Video.



For the full PDF, please **Login to Vizle**.

<https://vizle.offnote.co> (Login via Google, top-right)

Stay connected with us:

Join us on **Facebook, Discord, Quora, Telegram**.