

$$f(x) = x^2$$

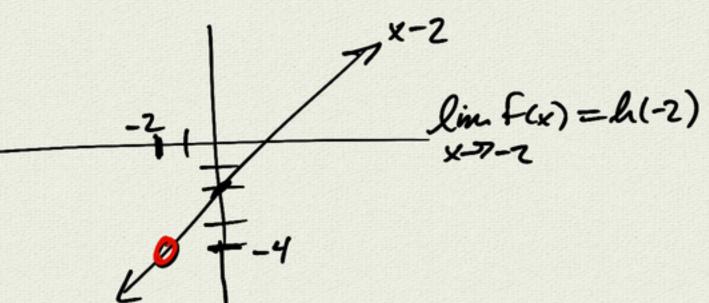
$$lunf(x) = f(z) = 4$$

example:
$$g(x) = \frac{x^2 - 4}{x + 2} = \frac{(x - 2)(x + 2)}{(x + 2)}$$

$$\frac{a=0}{x \neq 0} \lim_{x \neq 0} g(x) = g(0)$$

$$\frac{a=-2}{x-y-2}\lim_{x\to y-2}g(x)=\boxed{0}?$$

$$\begin{cases} x^{-2} \\ x^{2} \\ x$$



h(x)= sin x Im h(v) hocs not x-0+ exist x-0 Sandwich theoren link(i)=0 squeeze theorem because: $-x^2 \le k(x) \le x^2$ and lin - 2 = 0 lm x2 = 0

