3 2.4 - The Precise Defo of a Limit

In this video, we will:

· State the precise defor of a limit

. Try to understand what it means

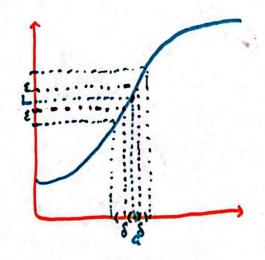
1 m

Let f be a defined on some open interval containing a, except possilly for a itself. Then the limit of fex) as x approaches a is L, or

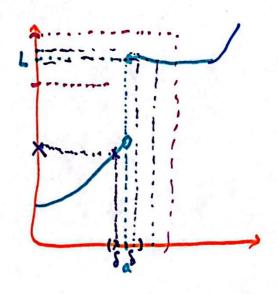
Rim fix) = L

if, for every number \$70 there is a number \$300 such that if 0 < |x-a| < 5, then I fur-LI < ξ

WHOA



Limit exists at x=4



Limit DNE at X=4