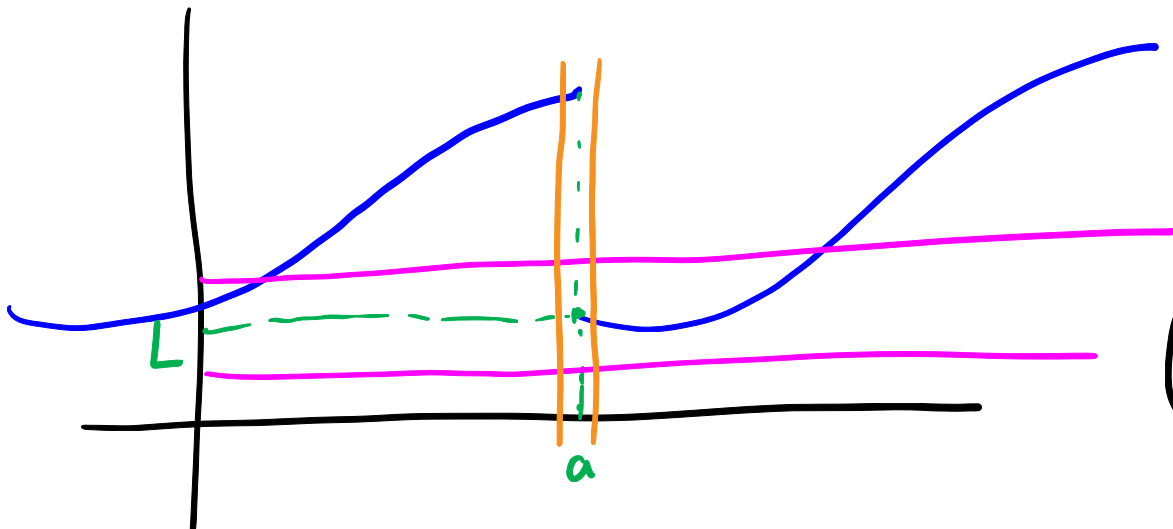
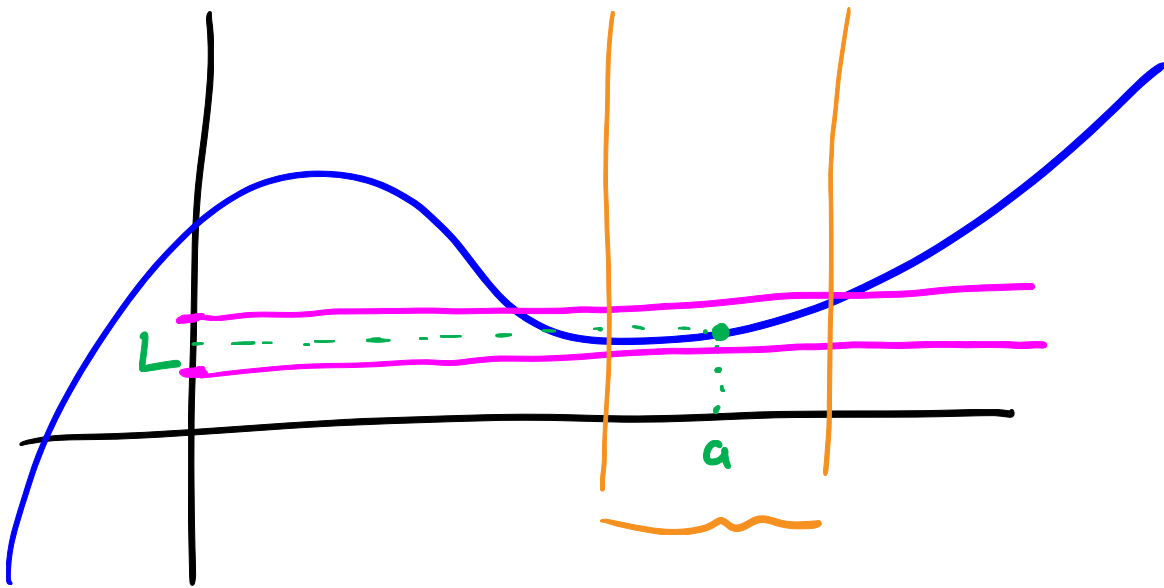


Limits

Def: Suppose $f(x)$ is defined near $x=a$.

Then we write $\lim_{x \rightarrow a} f(x) = L$ if we can make the values of f arbitrarily close to L by restricting x to be sufficiently close to a , but not equal to a .



Limit
Does Not
exist
($\lim_{x \rightarrow a} f(x)$)

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

x	$f(x)$
1.9	
1.99	
1.9	

