

LIMITS



DEFINITION;

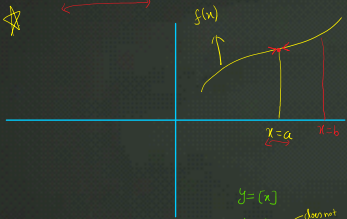
Let $\lim_{x \rightarrow a} f(x) = l$.

It would mean that when we approach then $x=a$ from the values which are just greater or smaller than $x=a$, $f(x)$ would have a tendency to move closer to the value l .

eg $\lim_{x \rightarrow a} f(x) = l$

☆

$\lim_{x \rightarrow b} f(x)$ ———— Totally different



eg $\lim_{x \rightarrow 1} (x) = 1$

$\lim_{x \rightarrow \frac{\pi}{2}} (\sin x) = 1$

