$$\lim_{x \to 3} (2x-1) = 5 \quad ①$$

$$=>$$

Kamonewa Tshegameno

application

Given $\varepsilon > 0$, We see $\delta > 0$ Such that ②

$$|(2x-1) - 5| < \varepsilon \text{ Whenever } ③$$

$$0 < |x-3| < \delta$$

Finding : $|(2x-1)-5| < \varepsilon$ ④

$$=> \text{(9) here}$$

⑤

PROOF :

$$=> \text{(9) here}$$

$$\lim_{x \to a} F(x) = L \implies \text{General Formula} \quad ①$$

Given $\varepsilon > 0$, We seek $\delta > 0$ Whenever ②

$$|F(x) - L| < \varepsilon \text{ Whener } 0 < |x - a| < \delta ③$$

Finding δ : $|F(x) - L| < \varepsilon$ ④

$$=>$$

Proof : ⑤

$$=>$$