









Q # 04	Find the limit of the function
	$y = \frac{5x}{x+1} \qquad \text{for } x \to \infty.$
	$\lim_{x \to \infty} y = \lim_{x \to \infty} \frac{5x}{5x}$
	$= \lim_{\substack{x \to \infty}} \frac{(5x)}{(x+1)} = \lim_{\substack{x \to \infty}} \frac{5}{(1+\frac{1}{x})}$
	For videos, visit You Tube $= \frac{5}{1+0} = \frac{5}{1} = 5$
	Suppose Math. 0332-6297570 JKHTAR BBAS.
	Available at MathCity.org https://www.youtube.com/@SupposeMath