Exempel 0.0.1 (Beräkna genom variabelbyte 
$$\lim_{x\to 1}\frac{\sin(x-1)}{x-1}$$
 )

$$y = x - 1$$

$$y \to 0$$

$$\implies \lim_{x \to 1} \frac{\sin(x - 1)}{x - 1} \implies \lim_{y \to 0} \frac{\sin(y)}{y} = 1$$