

$$\lim_{x\to\infty} \int_{0}^{x} \frac{10x}{0} dx \xrightarrow{x} du \cdot 2x dx \Rightarrow \lim_{x\to\infty} \int_{0}^{x} \frac{1}{(x-1)} dx = \lim_{x\to\infty} \int_{0}^{x} \frac{1}{(x-1)} dx =$$