

Limits at Infinity of $\frac{e^x}{x}$ and $\frac{x}{e^x}$

Session 88

$$a) \frac{e^x}{x} \underset{x \rightarrow \infty}{\sim} \frac{e^x}{1} = \infty$$

$$b) \frac{x}{e^x} \underset{x \rightarrow \infty}{\sim} \frac{1}{e^x} = 0$$