

$$37) \lim_{x \rightarrow 7} \frac{x^{-7} - 7}{x - 7}$$

$$\lim_{x \rightarrow 7} \frac{\frac{1}{x} - 7}{x - 7}$$

$$\lim_{x \rightarrow 7} \frac{\frac{7-x}{x}}{x-7}$$

$$\lim_{x \rightarrow 7} \frac{7-x}{x-7(x)}$$

$$\lim_{x \rightarrow 7} \frac{x-7(-7)}{x-7(x)}$$

$$\lim_{x \rightarrow 7} \frac{x-7}{x-7(x)}$$

$$\lim_{x \rightarrow 7} \frac{1}{x}$$

$$= 7$$