g) 
$$A = \mathbb{R}^+ \setminus \{e\}$$
,  $f(x) = x \frac{1}{\ln x - 1}$   $(x \in A)$ ,  $\alpha = e$ .

h)  $= \mathbb{R}^+$ ,  $f(x) = \frac{e^{-(1+x)^{\frac{1}{2}}}}{x}$   $(x \in A)$ ,  $\alpha = 0$ .

g)  $f(\alpha) \to \text{pure white } f(\alpha)$   $\alpha = C$  Live,  $x \frac{1}{\ln x - 1}$  Use  $x = C$   $(e^{-1})^{\frac{1}{2}} = C$   $($