	Hw ' [Reinaldo Daniswara 604840665
31	$f(x \theta) = h(x) c(\theta) \exp\left(\frac{k}{2} \omega_i(\theta) + i(x)\right)$ Express $x \sim \Gamma(\alpha_i B)$	
	$f(x) = x^{\alpha-1} e^{-\frac{x}{8}}$ $g^{\alpha} \Gamma(\alpha)$	
	$= \frac{1}{\times \beta^{\alpha} \Gamma(\alpha)} \left(\times^{\alpha} \cdot e^{-\frac{x}{\beta}} \right)$	
	$= \frac{1}{\times \beta^{\alpha} \Gamma(\alpha)} \cdot \exp\left(\ln x^{\alpha} \cdot -\frac{x}{\beta}\right)$	
	$= \frac{1}{\times \beta^{\alpha} \mathcal{T}(\lambda)} \cdot \exp\left(\alpha \ln x \cdot -\frac{x}{\beta}\right) = \frac{1}{\times \beta^{\alpha} \mathcal{T}(\lambda)}$	$\exp\left(-\frac{\alpha}{B} \cdot x \ln x\right)$
+	$= \frac{1}{x} \cdot \frac{1}{\beta^{x} + (x)} \cdot \exp\left(-\frac{x}{\beta} \cdot x \ln(x)\right)$ Thus,	
	$h(x) = \frac{1}{x} \qquad \omega_{i}(0) = -\frac{\lambda}{B}$	
	$\beta^{\alpha} f(\alpha) \qquad \text{ti}(x) = x \ln(x)$	
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