Let 
$$g \sim \Gamma(3, Y)$$

$$f(x; Y) = (\frac{1}{2} + \frac{1}{2} + \frac{1}{$$

Now minimise 
$$M$$
 with  $B$ 

$$\frac{\partial M}{\partial B} = -6 \exp\left\{\frac{(B-Y)^2}{2}\right\} + \frac{2(B-Y)\exp\left\{\frac{(B-Y)^2}{2}\right\}}{B^3 E(Y)} = \frac{2}{2} \exp\left\{\frac{(B-Y)^2}{2}\right\}$$

$$= \frac{2}{B^3 E(Y)} \exp\left(\frac{(B-Y)^2}{2}\right) = \frac{3}{B} + \frac{3-Y}{B}$$

$$\frac{\partial M}{\partial B} = 0 \Rightarrow \frac{-3}{B} + \frac{1}{B} - \frac{1}{B} = 0$$

$$\Rightarrow B^2 - - \frac{1}{B} = 0$$

$$\Rightarrow B^$$