theorem to the solve this Usiero Bayes'
question. $P_{k}(a) = \pi_{k} \left(\frac{1}{\sqrt{2\pi}\sigma} e^{ab} \left(\frac{-1}{2\sigma^{2}} (\alpha - \mu_{k}) \right) \right)$ = TL = exp (-1 (202 (2-M2)2) $= \pi_{K} \left(\frac{1}{\sqrt{2\pi}\sigma} \exp \left(\frac{-1}{2\sigma^{2}} \left(\alpha - \mu_{K} \right)^{2} \right) \right)$ $T_{K} = \frac{1}{\sqrt{2\pi}\sigma} \left(\frac{1}{2\sigma^{2}} \left(9 - Me \right)^{2} \right) + \left(1 - T_{K} \right) \sqrt{2\pi}\sigma^{2}$ $\exp \left(\frac{1}{2\sigma^{2}} \left(2 - Me \right)^{2} \right)$ 0.8 eap (- 1 (4-10)2) 0.8 exp (-1 (4-10)2)+(1-08) exp (-1/4-0) => 0.75L8

= 75.18 70 ~ 75.27.