4.7 Excercises conceptual 3. Same as exercise 3, but the Variance is closed - specific of PK(X) = TTK (2000) = 2KP [- 200 (X-MK)] Enges - argmax  $P_{\kappa}(\mathbf{x}) = argmax \ln P_{\kappa}(\mathbf{x})$ = arg max ln \ TK (200k) exp[-\frac{1}{2016} (N-MK)^2] = avg max Slntk - = ln 2 nox = = = (x-M/K) - arg max Slutte - = lu210p - = (x2 2 px x + /h2) y = Ng max \ - \frac{\chi^2}{20\_k^2} + \frac{\chi M\_k}{\chi^2} \chi + \frac{\chi M\_k}{\chi} \chi + \frac{\chi M\_k}{\chi} \chi \frac{\chi}{20\_k^2} \right\} discluminant is a quadratic function