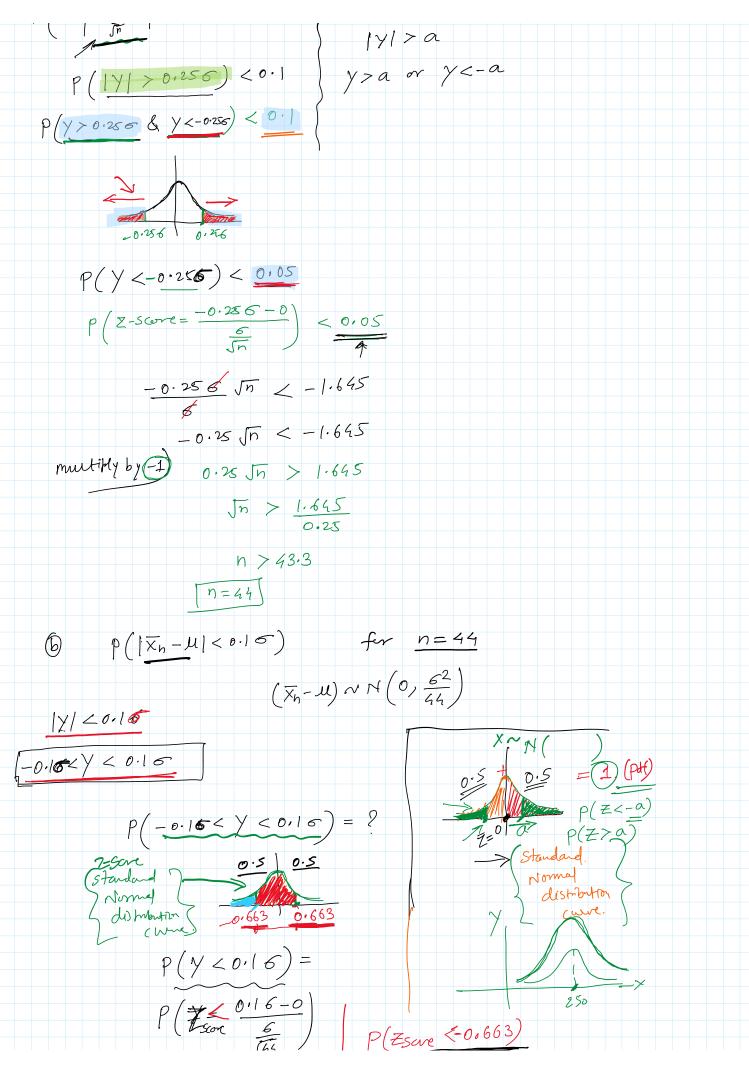
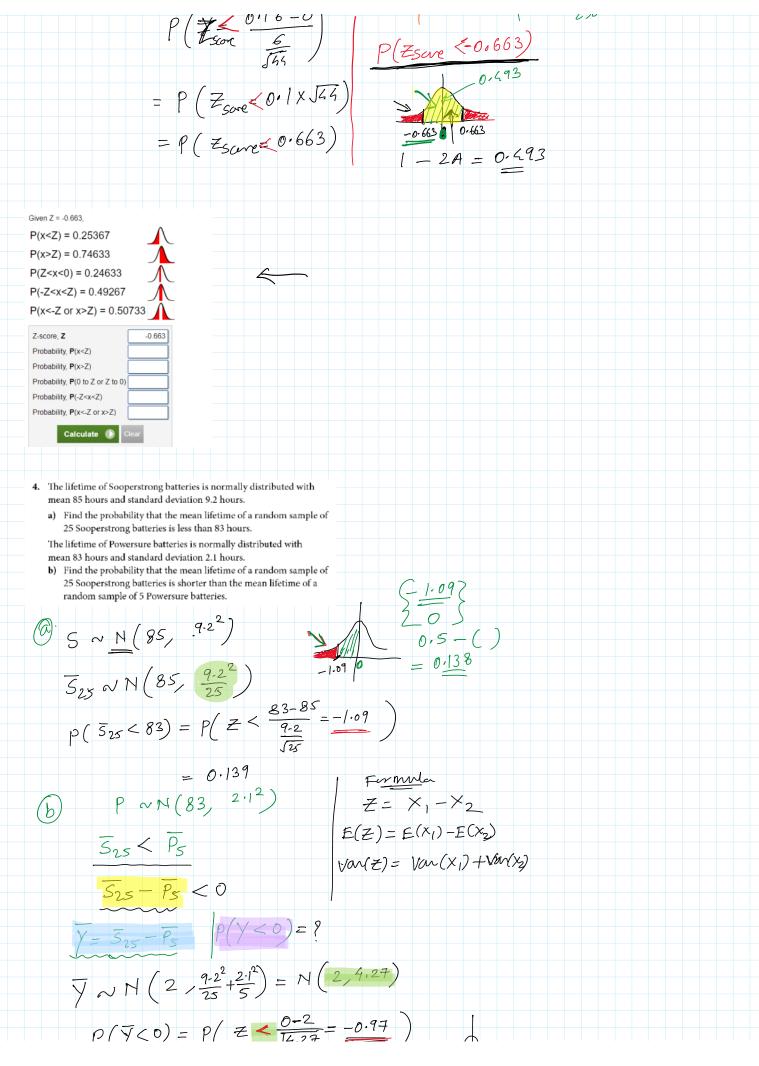


Statistics AS and A level Page 2





 $P(\bar{\gamma}<0) = P(\bar{z} < \frac{0-2}{J_{4}\cdot 27} = -0.97)$ = 0.166 0.97 67-5 h>30 falin Success X ~ B (10, 0.3) N Þ » » » » » » » mean=np, von=np2 $6 = \frac{2 \cdot 1}{72}$ $\begin{array}{c} = 3 & , \quad Van = 2.1 \\ (i) \\ 80 \ge 30 \end{array} \xrightarrow{X}_{80} \xrightarrow{X}_{N} \left(3, \frac{2.1}{80} \right) \xrightarrow{X}_{72} \xrightarrow{X}_{N} \left(3, \frac{2.1}{72} \right) \end{array}$ $P(\overline{X}_{72} > 3.25) = P(\overline{Z} > (\frac{3.21-3}{J_{2.1}})\overline{J_{72}} = 1.464)$ (i)= 0.0716