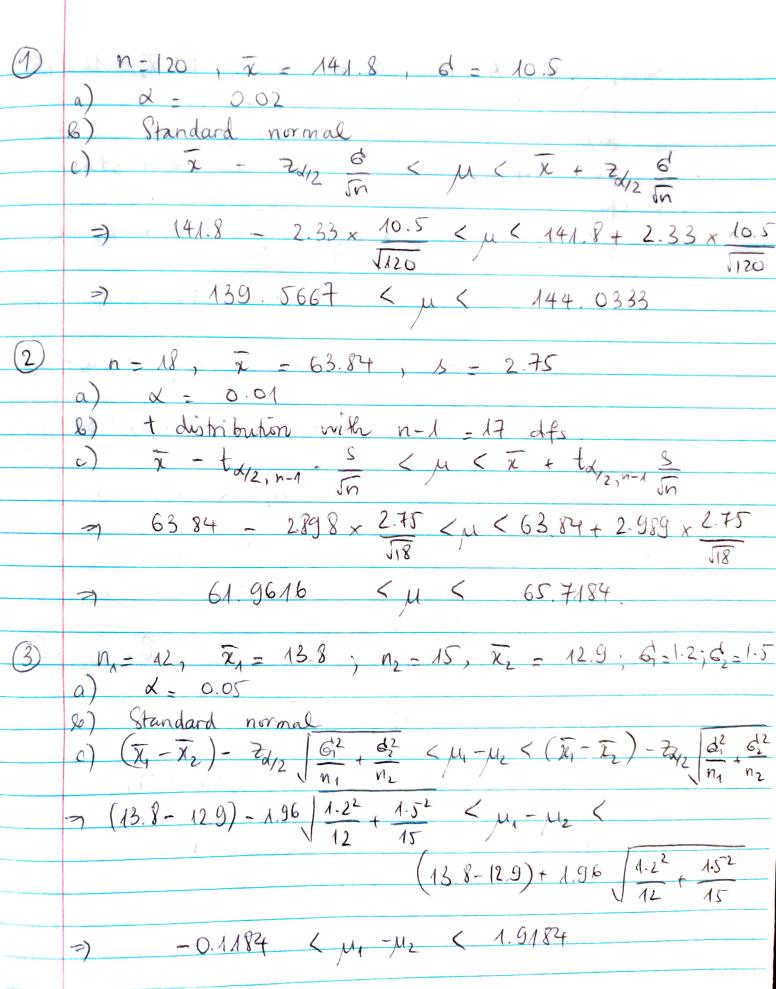
## STATS88 HOMEWORK 8



(6) 
$$\frac{\partial}{\partial_{1}} = \frac{48}{500} = 0.096$$
;  $\frac{\partial}{\partial_{2}} = \frac{68}{500} = 0.136$ .

Solve  $\frac{\partial}{\partial x} = 0.1$ 

(a)  $\frac{\partial}{\partial_{1}} = \frac{\partial}{\partial_{2}} = 0.136$ .

Standard normal

(b) Standard normal

(c)  $(\frac{\partial}{\partial_{1}} - \frac{\partial}{\partial_{2}}) = \frac{24}{2} \sqrt{\frac{\partial}{\partial_{1}} (1 - \frac{\partial}{\partial_{1}})} + \frac{\partial}{\partial_{1} (1 - \frac{\partial}{\partial_{2}})} (0, -\frac{\partial}{\partial_{2}})$ 

(a)  $\frac{\partial}{\partial_{1}} = \frac{\partial}{\partial_{2}} = \frac{\partial}{\partial_{1}} = \frac{\partial}{\partial_{1}} = \frac{\partial}{\partial_{2}} = \frac{\partial}{\partial_{1}} = \frac{\partial}{\partial_{2}} = \frac{\partial}{\partial_$