Problem 2c con+d o(x) = 0: v(x) = 0:

 $\varphi(x) = \frac{2}{3} :$   $Q_{n Loss} = 2 \phi(x) (\frac{2}{3})(1 - \frac{2}{3})(\frac{2}{3} - 0)$   $= \frac{2}{27} \phi(x)$  + 107 = -11 - 27 + 100 = 117

11 Pm Loss | = 8 11 0(x) | = 11 Tm Loss | max