

EE 203 Electronics I

Quiz # 4

Name:

I.D.#

Ser.#

Sec.#04

Transistors Q1 and Q2 have: $V_{TN}=0.7\text{V}$, $\mu C_{ox} \frac{W}{L}=2.5\text{mA/V}^2$, and assume $\lambda=0$.

Find the required V_{CM} to establish a 1-mA dc bias current in R_{SS} .

