Q8
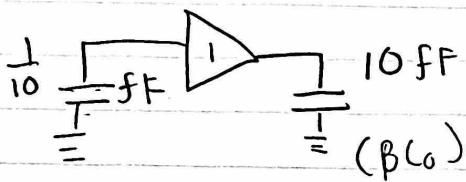
$$N = 1$$

$$\beta = \left(\frac{CL}{C_0}\right)^{1/1} = \left(\frac{10}{100}\right)^{1/1} = \frac{1}{10}$$

$$\frac{1}{10} \quad \text{fF} \quad \boxed{1} \quad 10\,\text{fF}$$

$$(\beta C_0)$$

$$\frac{W}{L} = \frac{2}{1} \times \frac{\text{min feature Size}}{\text{min fature Size}}$$

b) Stage 1

would be $\frac{2}{1} \times \dfrac{\text{min feature Size}}{\text{min feature Size}}$