Example. Neaman problem states $K_n = 0.1 \, mA/V^2$, what is the SPICE parameters? Since no additional information is given, take $W = 20 \, \mu m$, and $L = 2 \, \mu m$ so that $W/L = 10$. These are reasonable values. Then, using the table above

$$KP = 2K_n \frac{L}{W} = 2(0.1 \times 10^{-3}) \left( \frac{1}{10} \right) = 20 \times 10^{-6} \, A/V^2$$