



Mosfet HWI 3

11.) 4.52 Ron =
$$\frac{1}{KP - (V_{GS} - V_{TP})} = \frac{1}{(V_{GS} - V_{TP})}$$

1.) 4.52 Ron =
$$\frac{1}{KP \frac{W}{U}(V_{GS}-V_{TP})}$$
 $\frac{W}{U} = \frac{1}{(40)(2000)[-5-(-0.7)]}$ $= 2.907$

$$\frac{w}{L} = \frac{1.163}{1}$$

Cas is equal to \$200 WL when Vos is exactly voo

