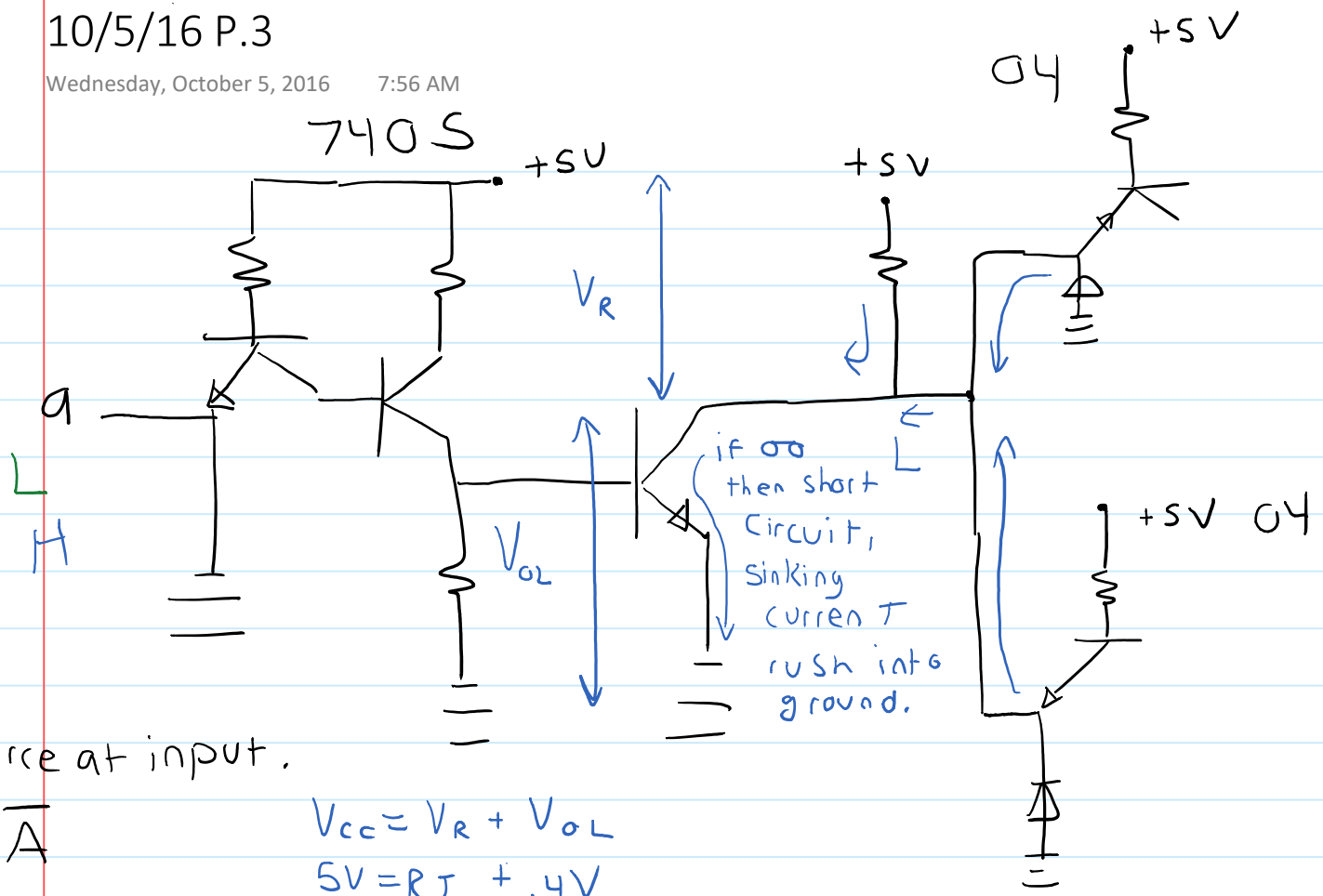
10/5/16 P.3

Wednesday, October 5, 2016 7:56 AM



$V_{CC} \simeq V_R + V_{OL}$

$5V = R I_R + .4V$

$4.6 = R\,(12.8 \times 10^{-3})$

$R_{min} = 360\Omega$

$I_R = I_{OL} - \sum I_{IL}$

$I_R = 16 - 3.2$ // do not use negative, direction.

$I_R = 12.8mA$

calculate for high case.

HW.