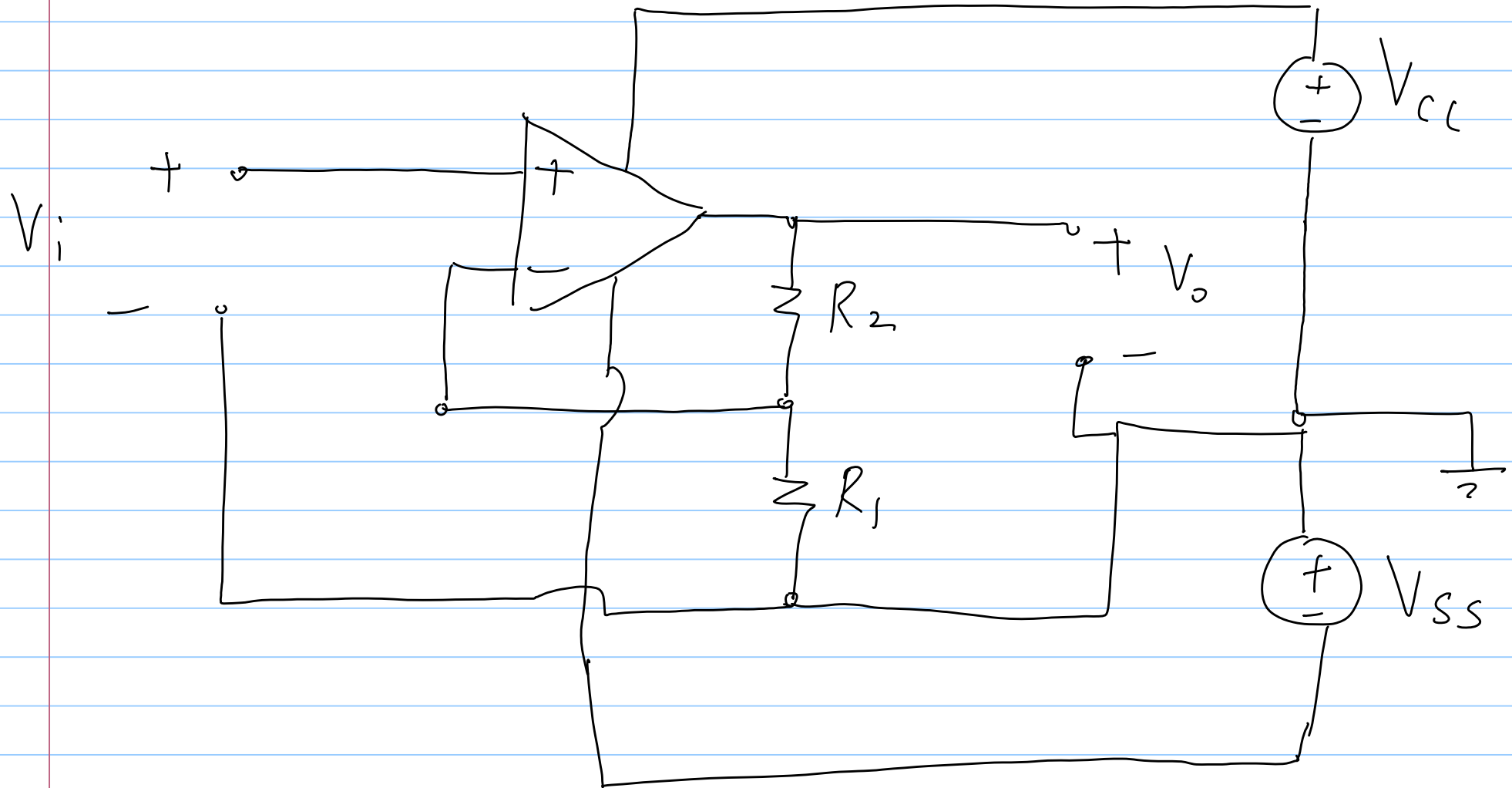
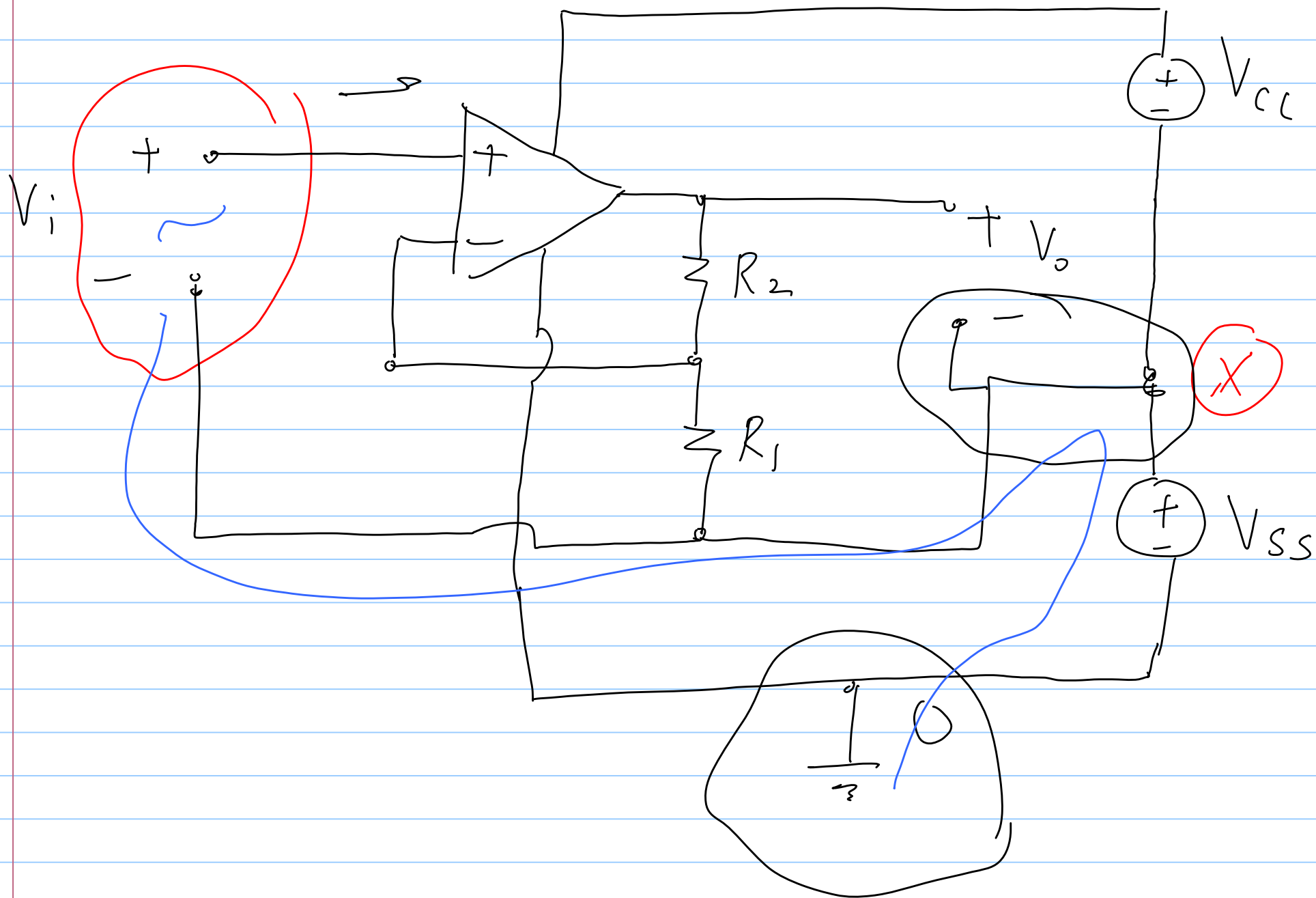
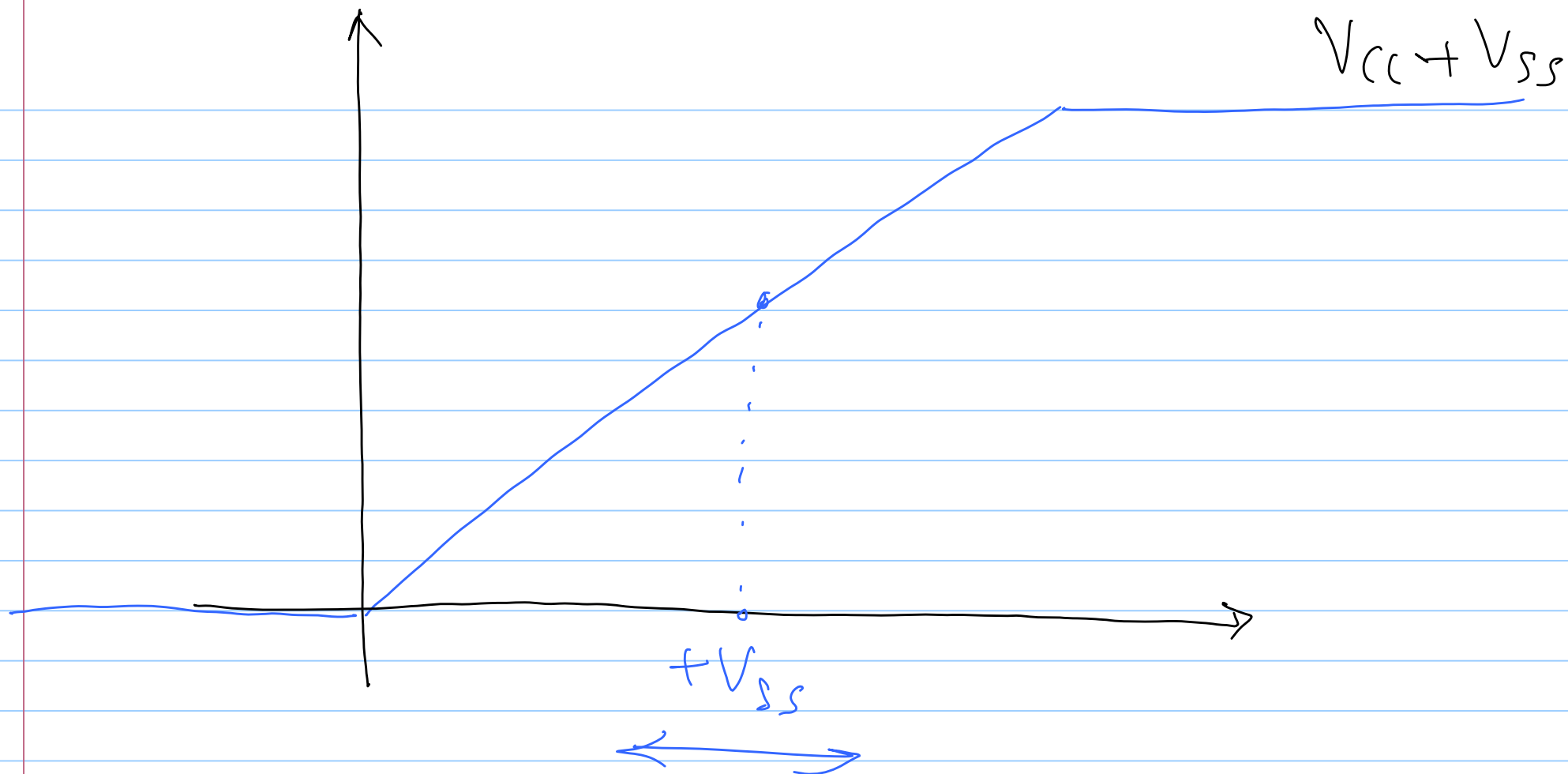


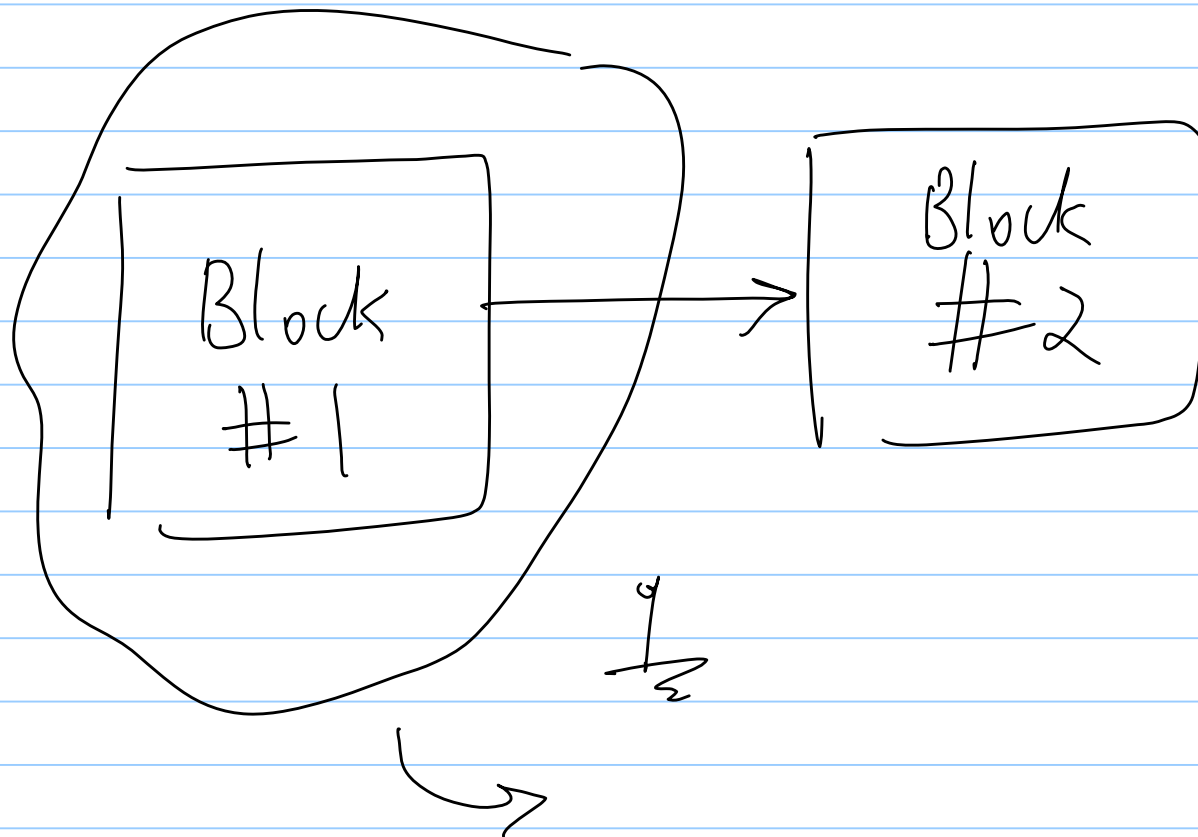
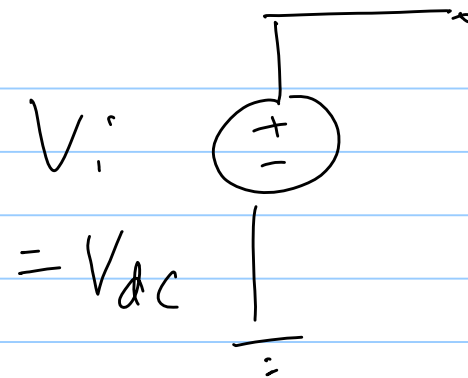
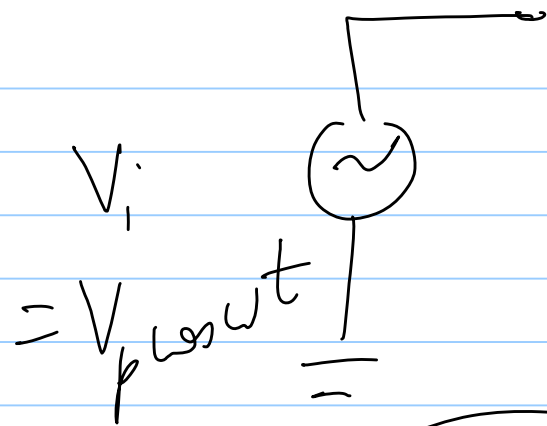
05/02/2019

Lecture 11

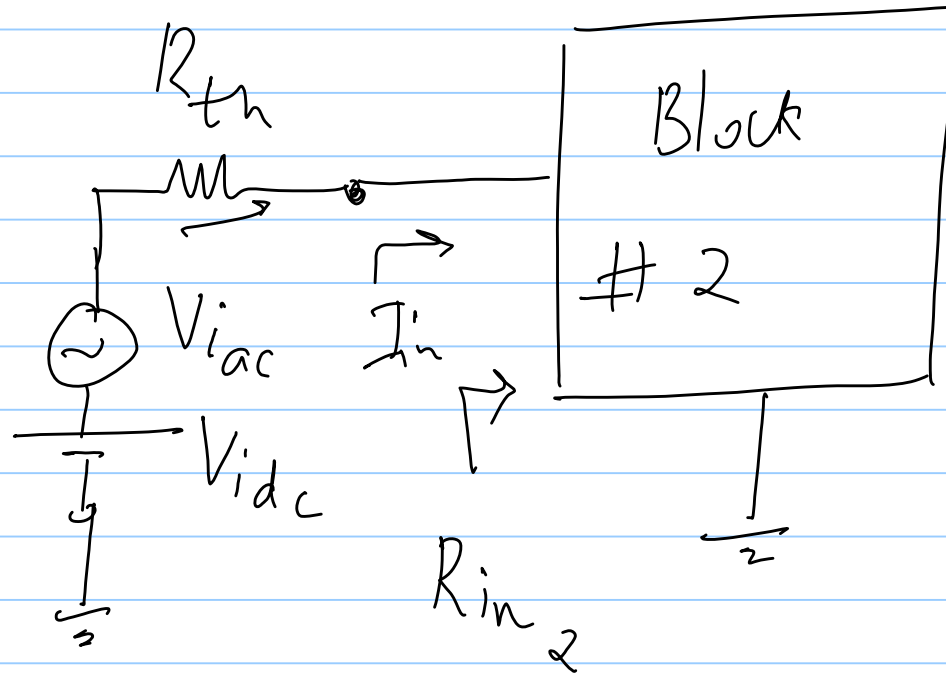




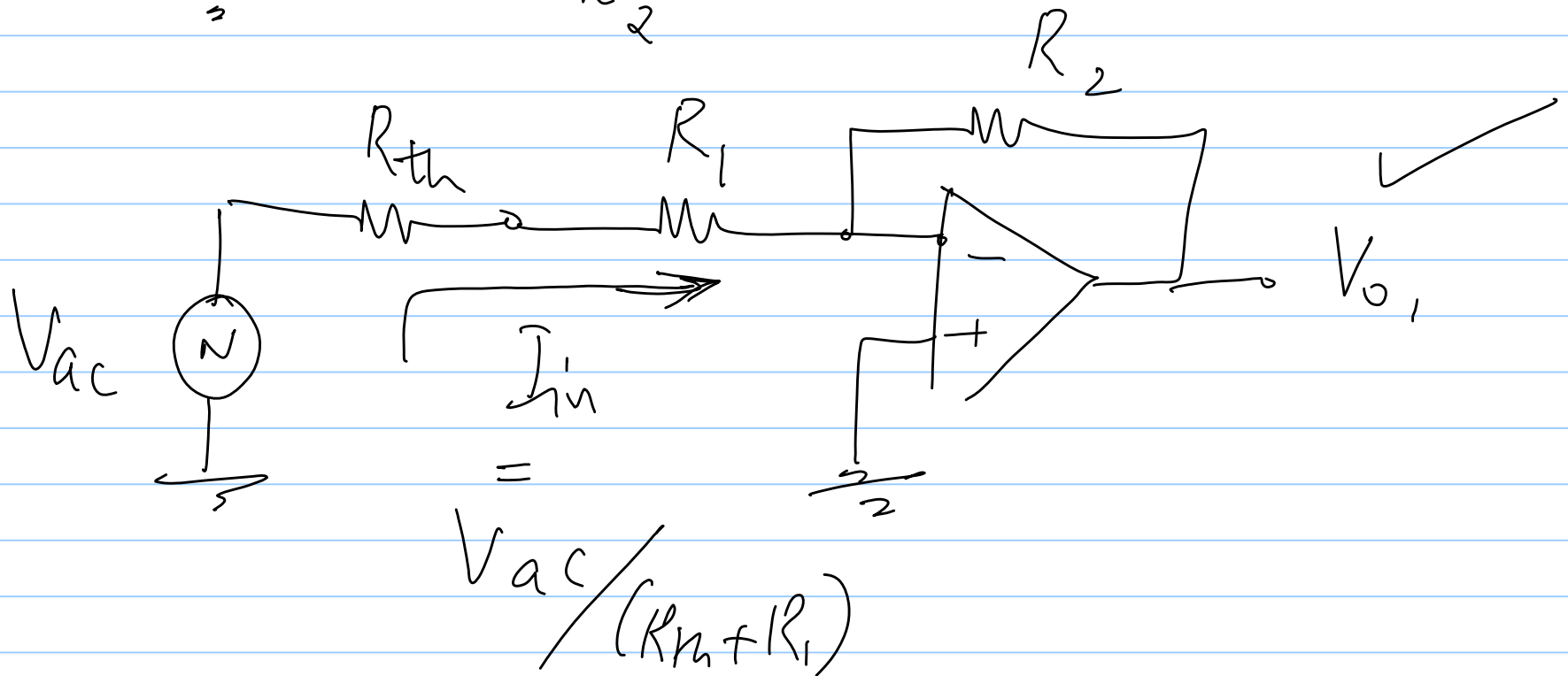


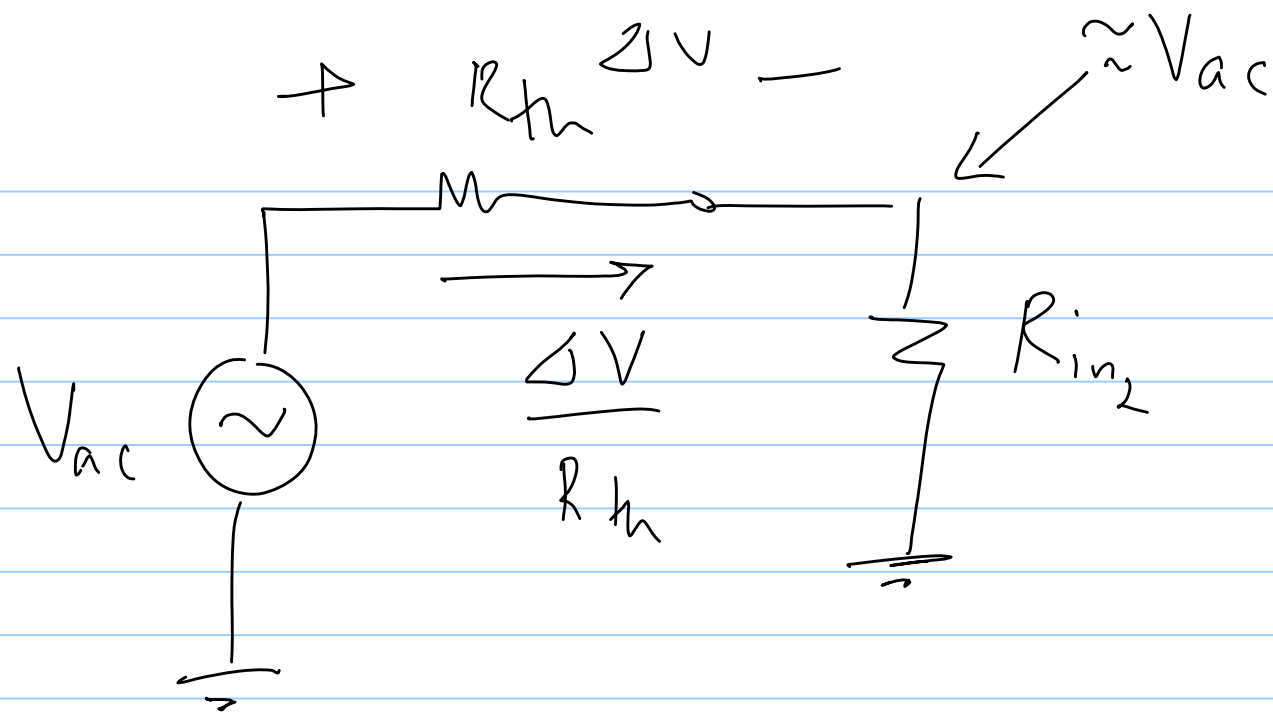


(Z_{th})

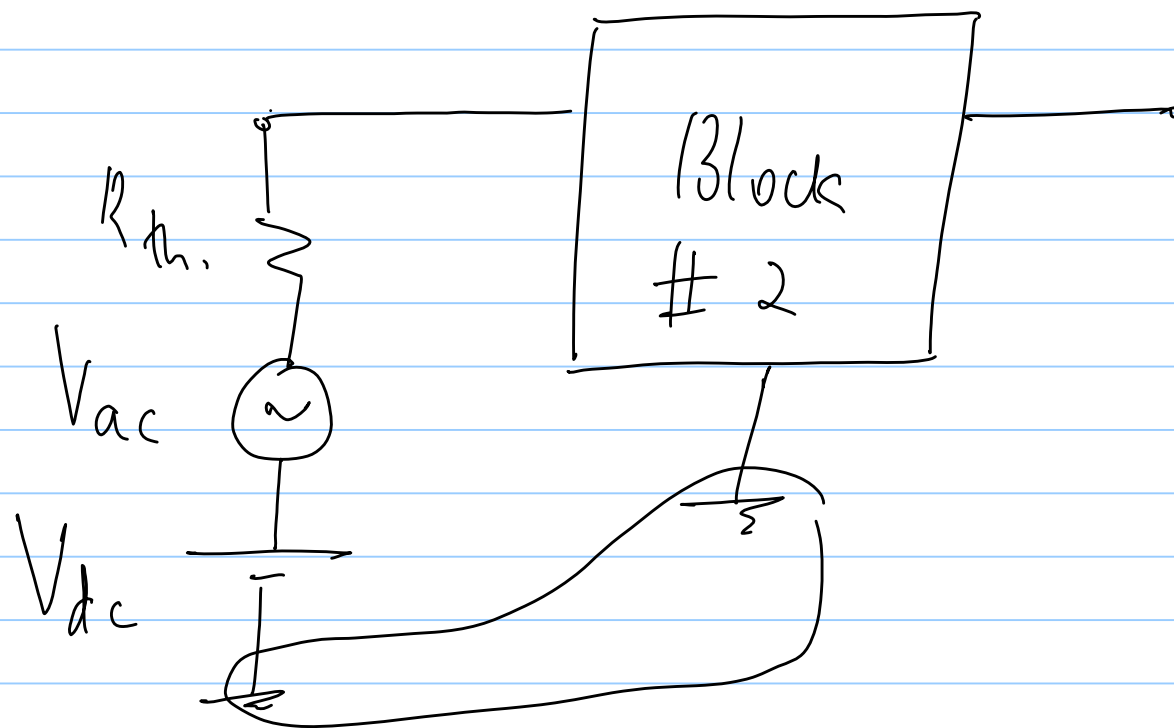


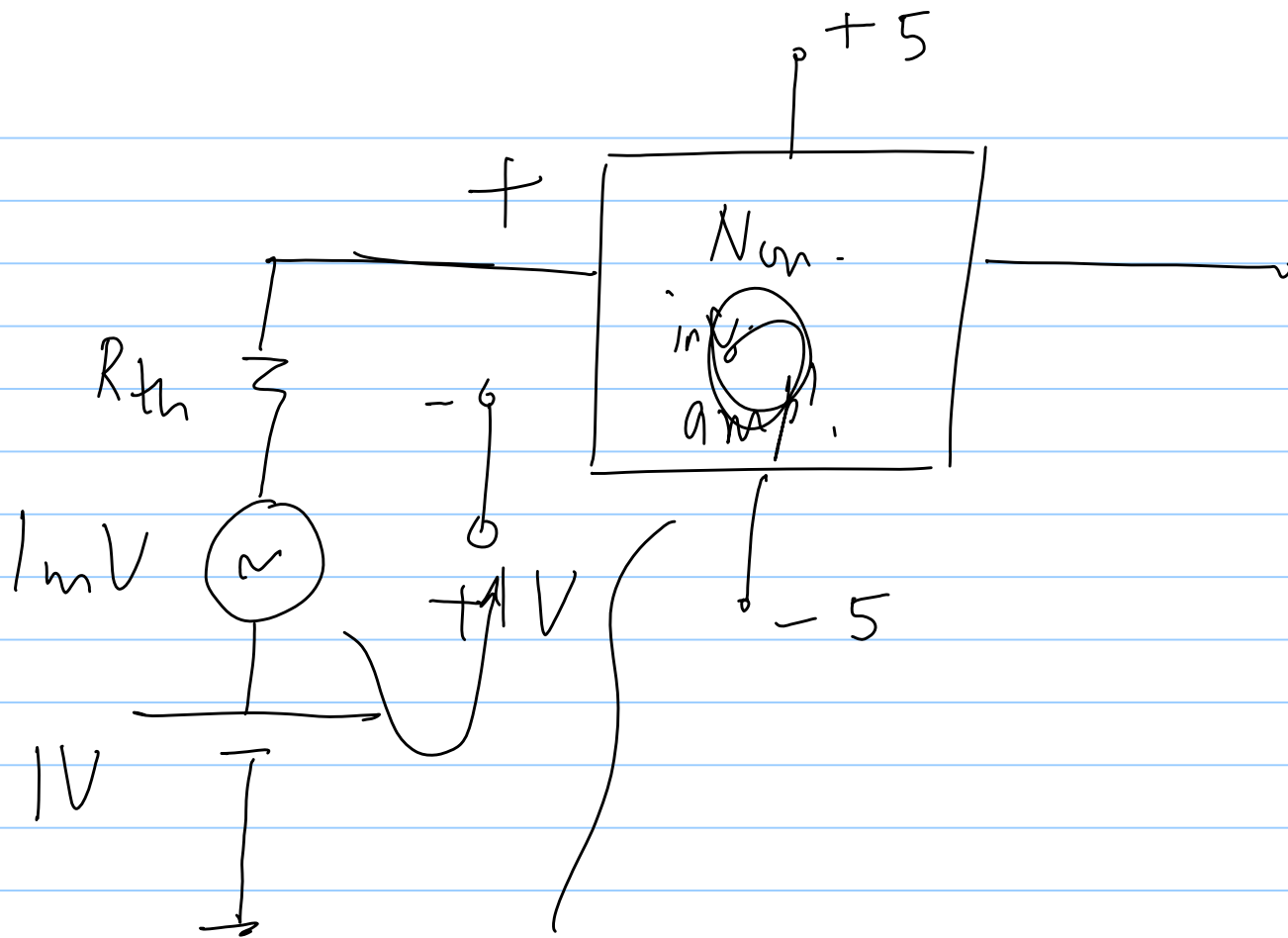
1) $R_{in2} \gg R_{th}$
(Voltage ampl.)





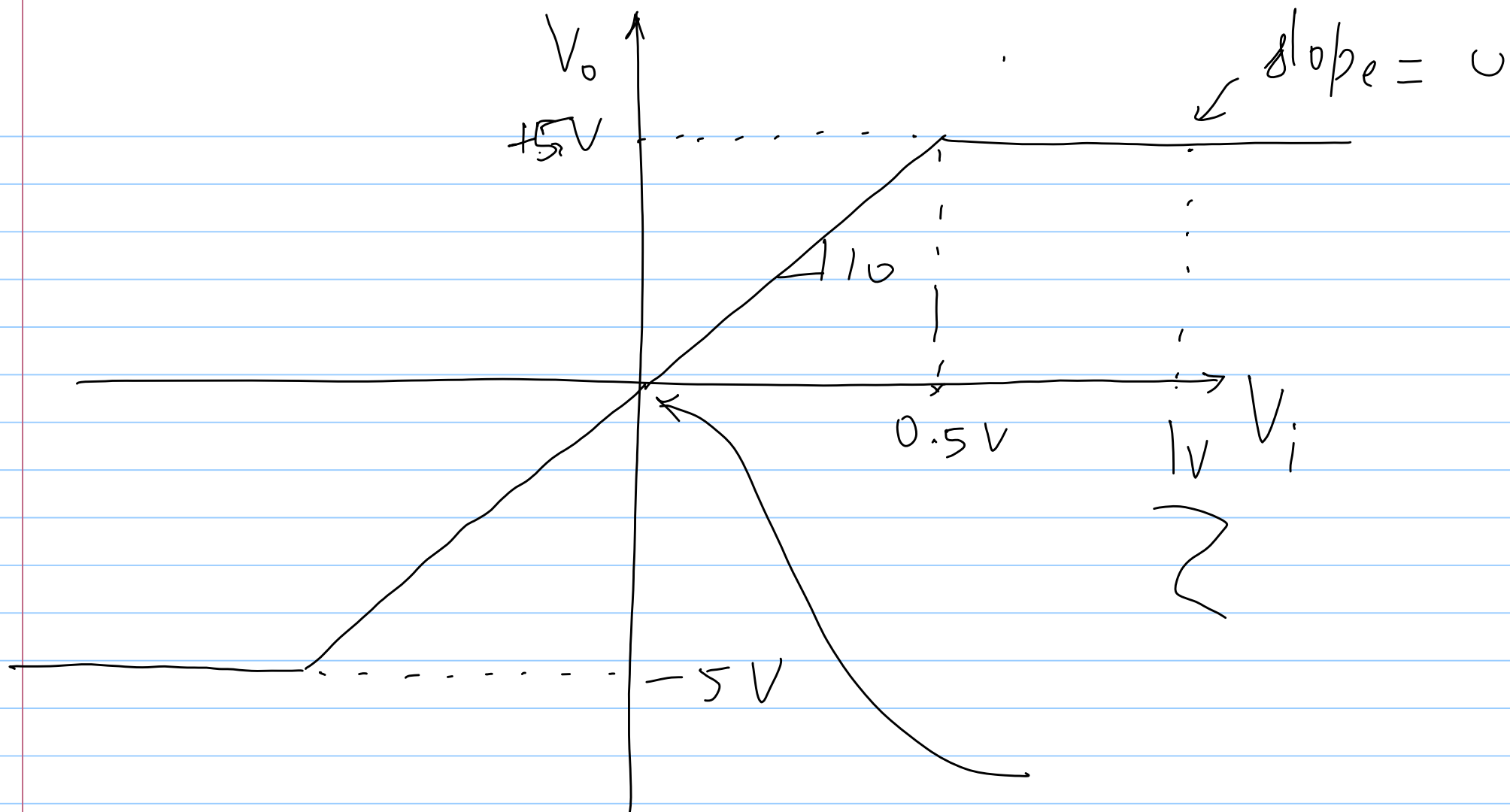
$$R_{in_2} \gg R_{th}$$

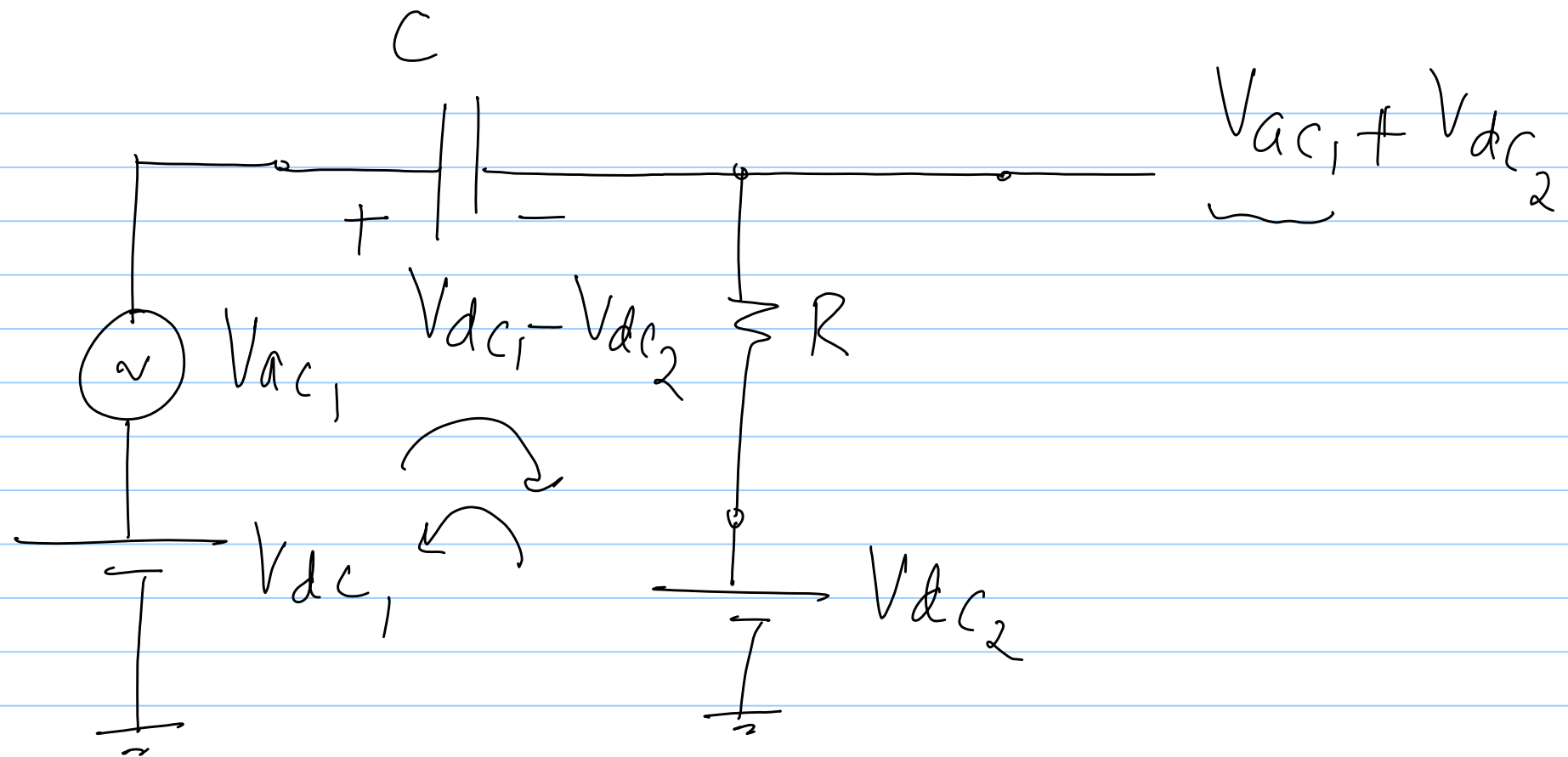




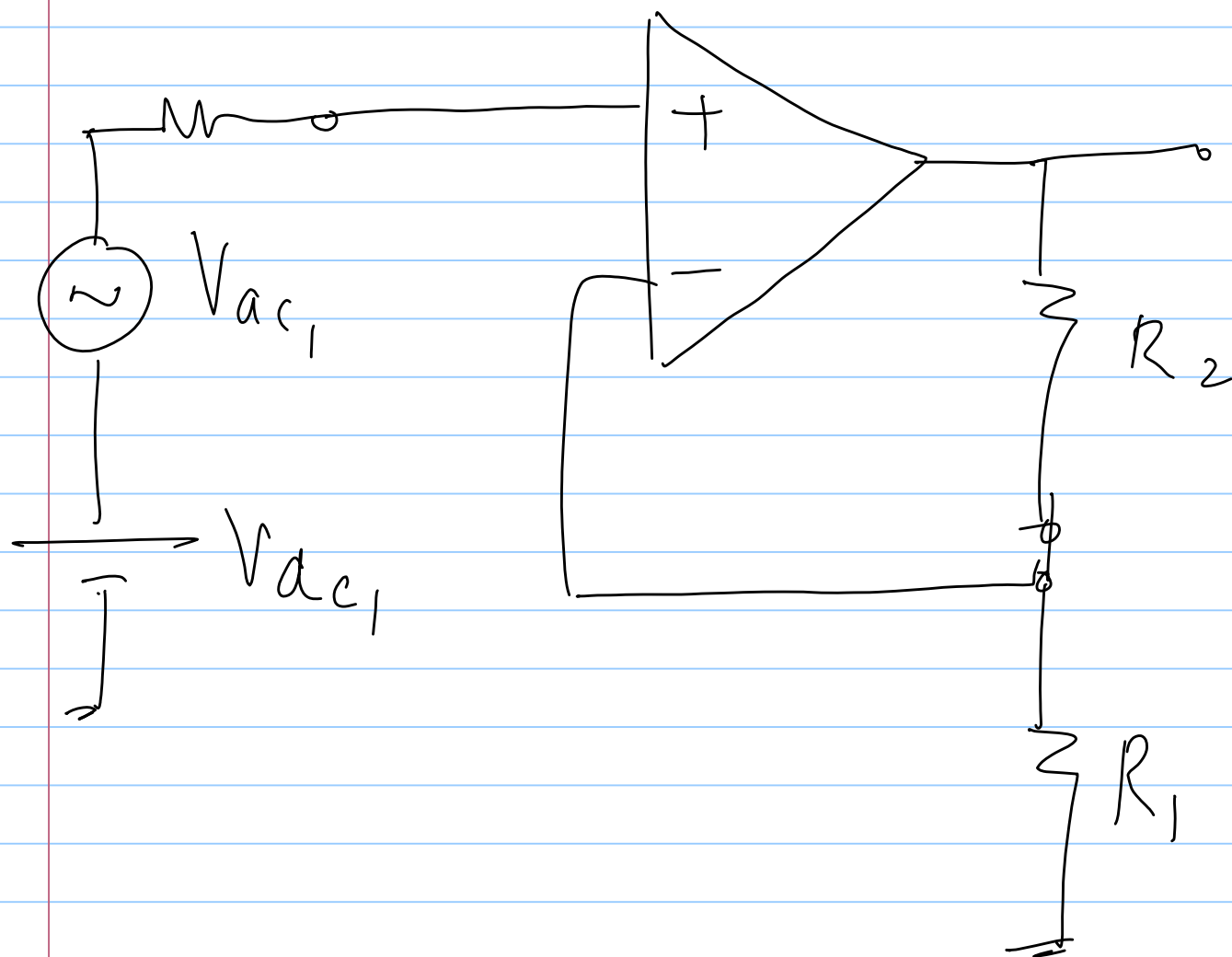
gain of 10

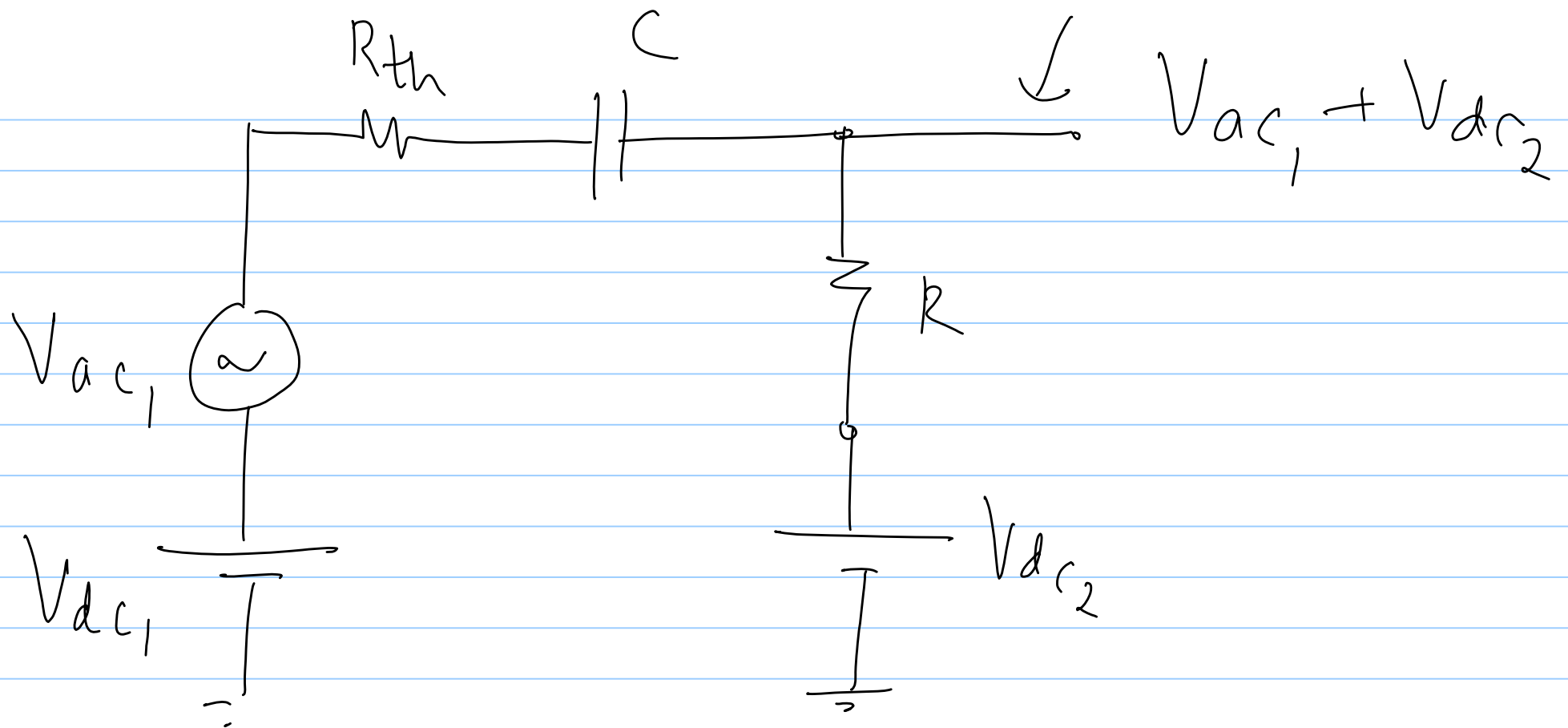
~~10mV~~
+5V
(output is saturated)





$$R \gg \frac{1}{\omega C}$$





~~~~~  
" ac coupling "

