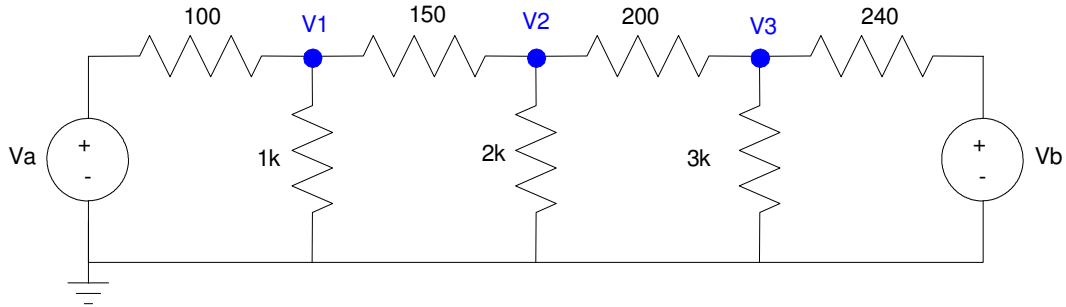


ECE 211: Lab #6

Superposition

Build the following circuit



1) Measure V_1 , V_2 , and V_3 with

- $V_a = 10V$
- $V_b = 0V$

2) Measure V_1 , V_2 , and V_3 with

- $V_a = 0V$
- $V_b = 5V$

3) Measure V_1 , V_2 , and V_3 with

- $V_a = 10V$
- $V_b = 5V$

Do the results add up?

	$V_a = 10V$ $V_b = 0V$	$V_a = 0V$ $V_b = 5V$	$V_a = 10V$ $V_b = 5V$
V_1			
V_2			
V_3			