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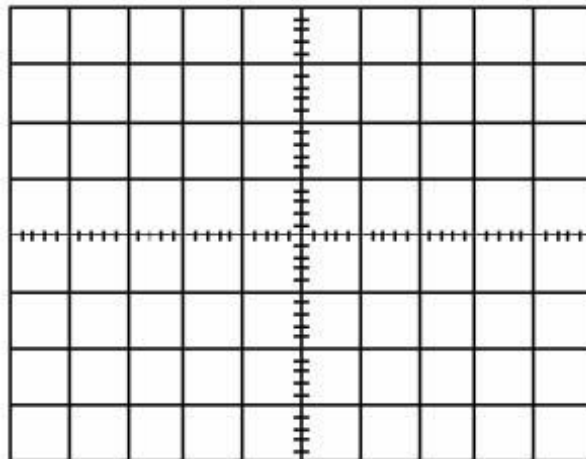
UNIVERSITY OF CALIFORNIA, BERKELEY
 EE40: Introduction to Microelectronic Circuits

Equivalent Circuits Report

Equivalent Resistor Networks

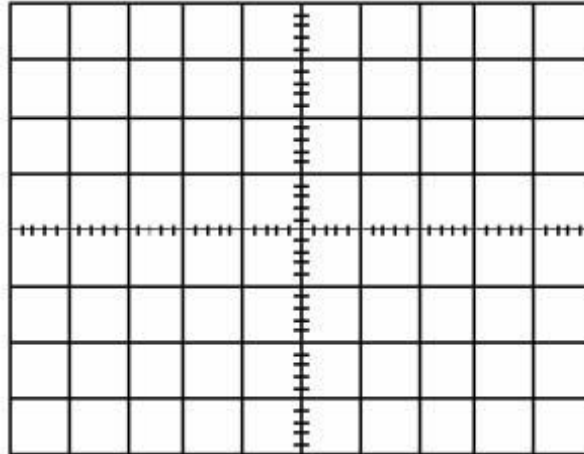
- 1) Step 1: Max Current through resistor network: _____
- 2) Step 2: Resistance across **A** and **B**. Theory: _____ Measured: _____
- 3) Step 3:

V_{AB}	I



4) Step 5:

V_{AB}	I



5) Steps 6, 7, and 8, measure V_{TH} , I_{SC} , and R_{TH} . The theoretical values should have been calculated in your prelab.

	Theory	Actual
V_{TH} :		
I_{SC} :		
R_{TH} :		

6) Steps 9-13

	Original		Thevenin		Norton	
	V	I	V	I	V	I
220 Ω						
1.2 kΩ						
2.2 kΩ						