Name:_____
Student ID:_____
Name:_____
Student ID:_____
Section:_____
Date:_____

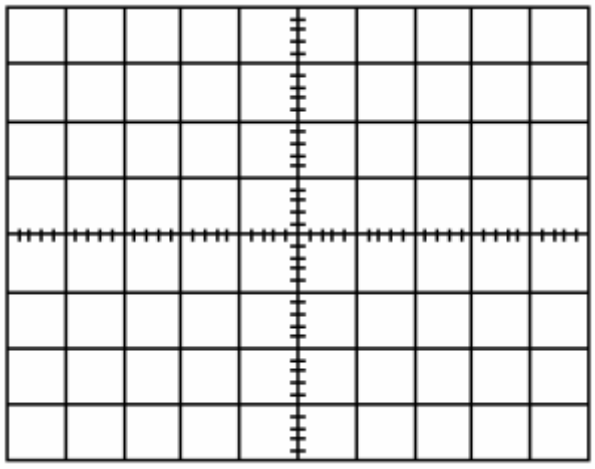
UNIVERSITY OF CALIFORNIA, BERKELEY
EE40: Introduction to Microelectronic Circuits

Equivalent Circuits Report

Equivalent Resistor Networks

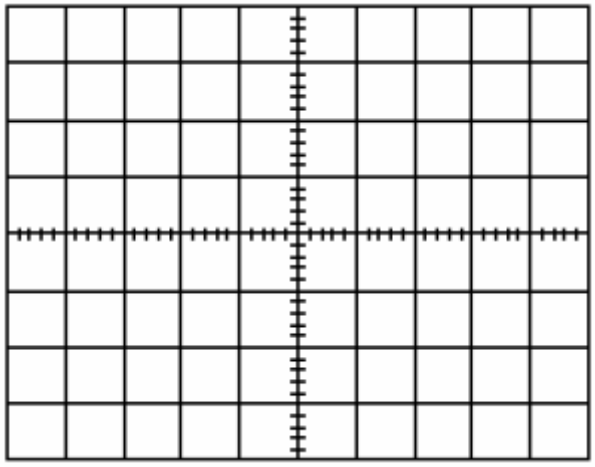
1) Step1: Max Current through resistor network:_____
2) Step 2: Resistance across **A** and **B**. Theory: _____ Measured: _____
3) Step 3:

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
220Ω						
1.2kΩ						
2.2kΩ						