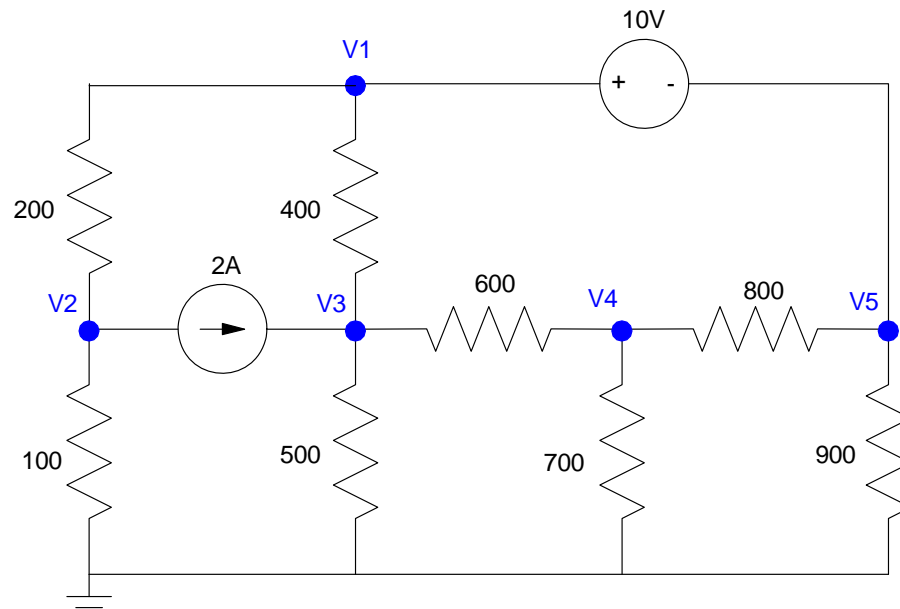


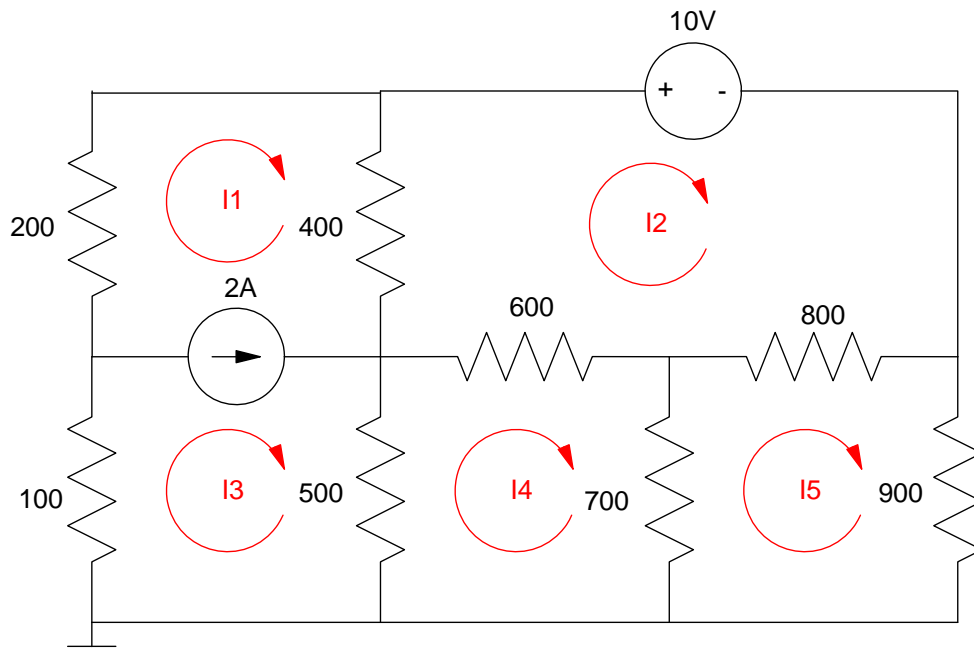
EE 206 Final - Name _____

Closed-Book, Closed Notes, Calculators Permitted. - Spring 2019

1) Write N equations which allow you to solve for the N unknown voltages

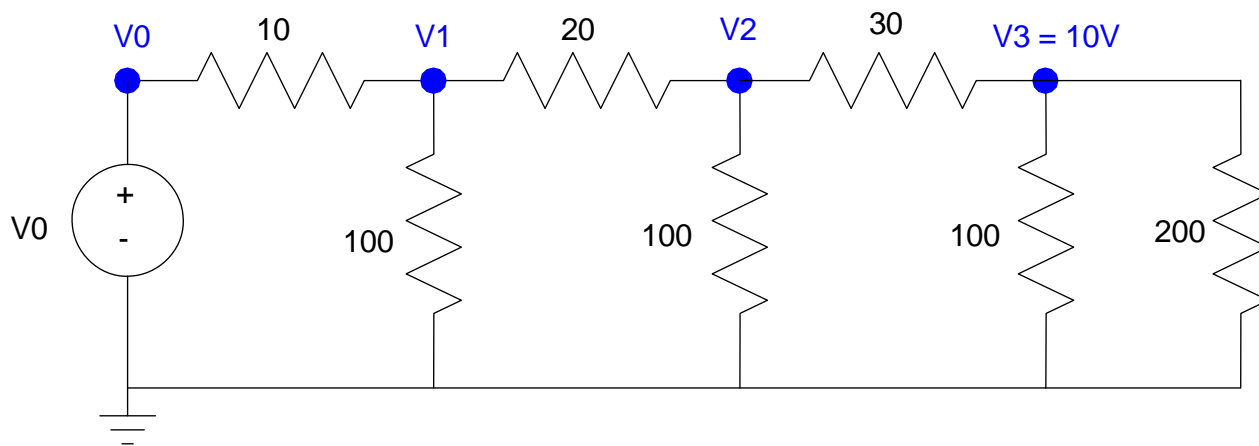


2) Write N equations which allow you to solve for the N unknown currents



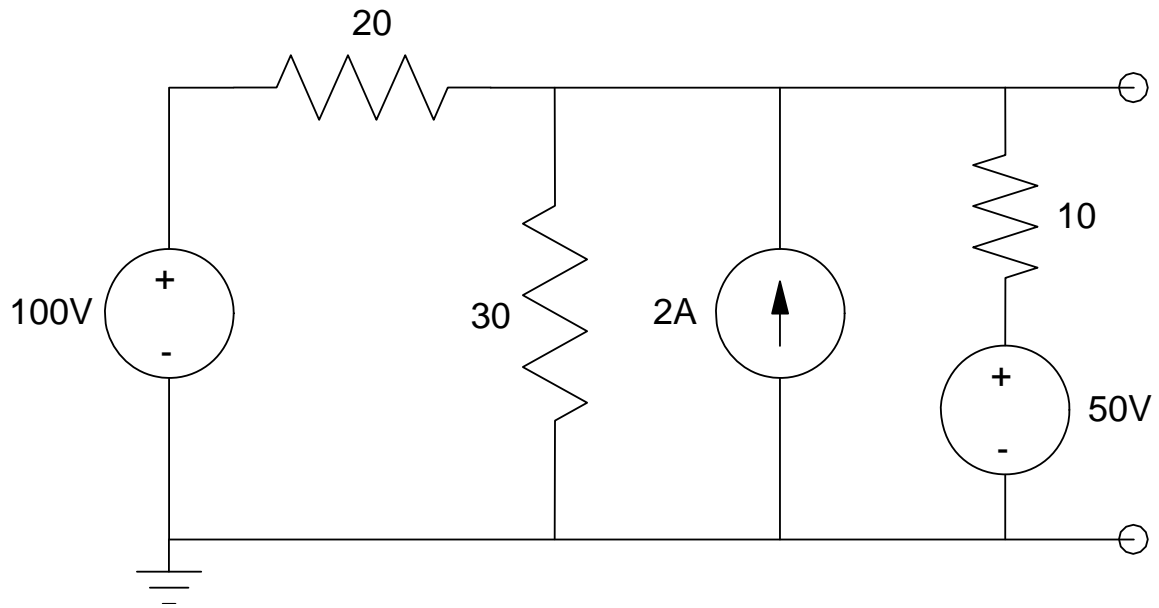
3) Find the voltages V_1 , V_2 , V_3

V_0	V_1	V_2	V_3
			10.0V



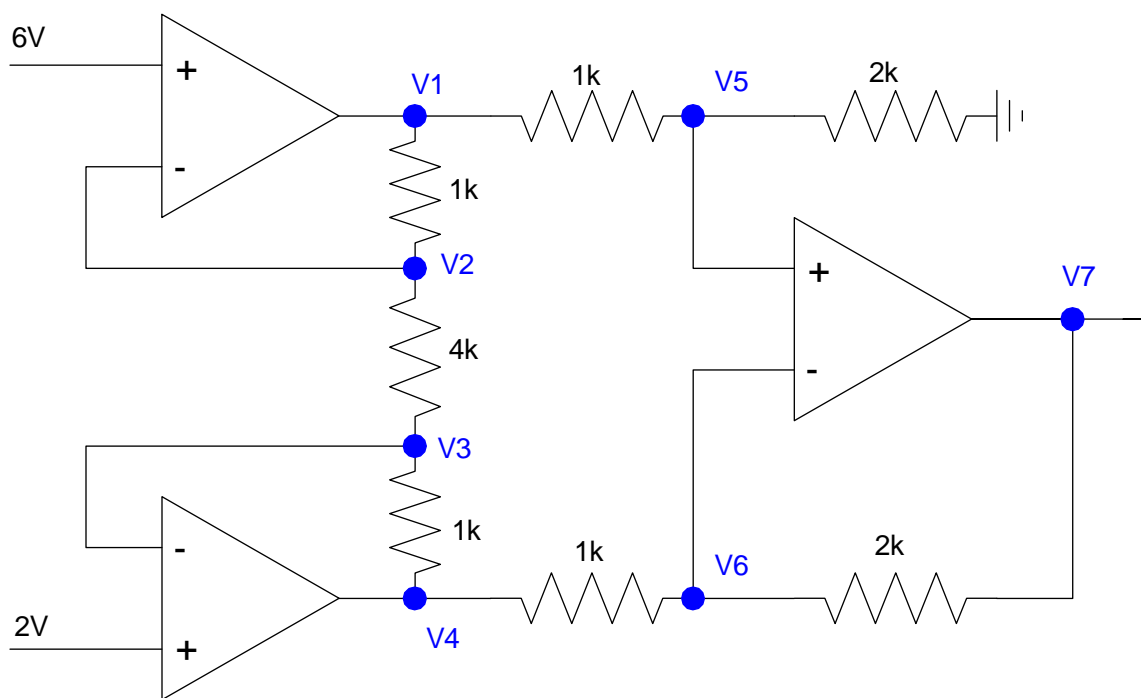
4) Find the Thevenin equivalent for the following circuit:

Vth	Rth



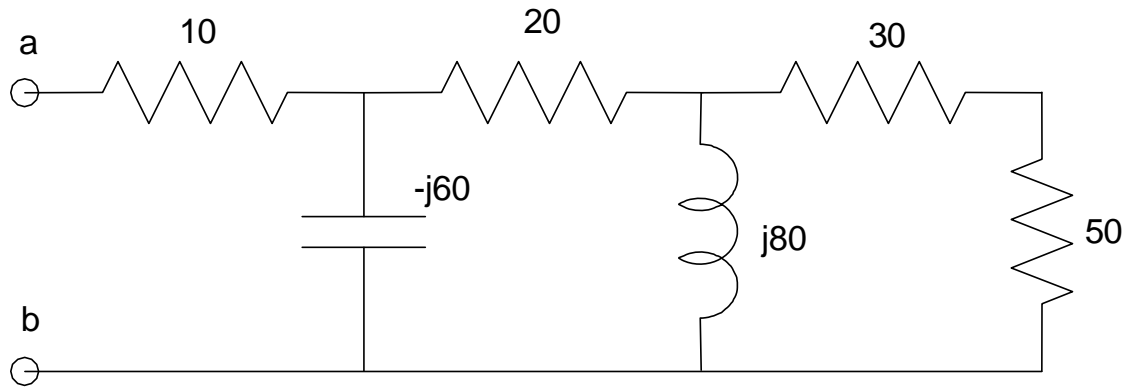
5) Find the voltages V1 .. V7

V1	V2	V3	V4
V5	V6	V7	



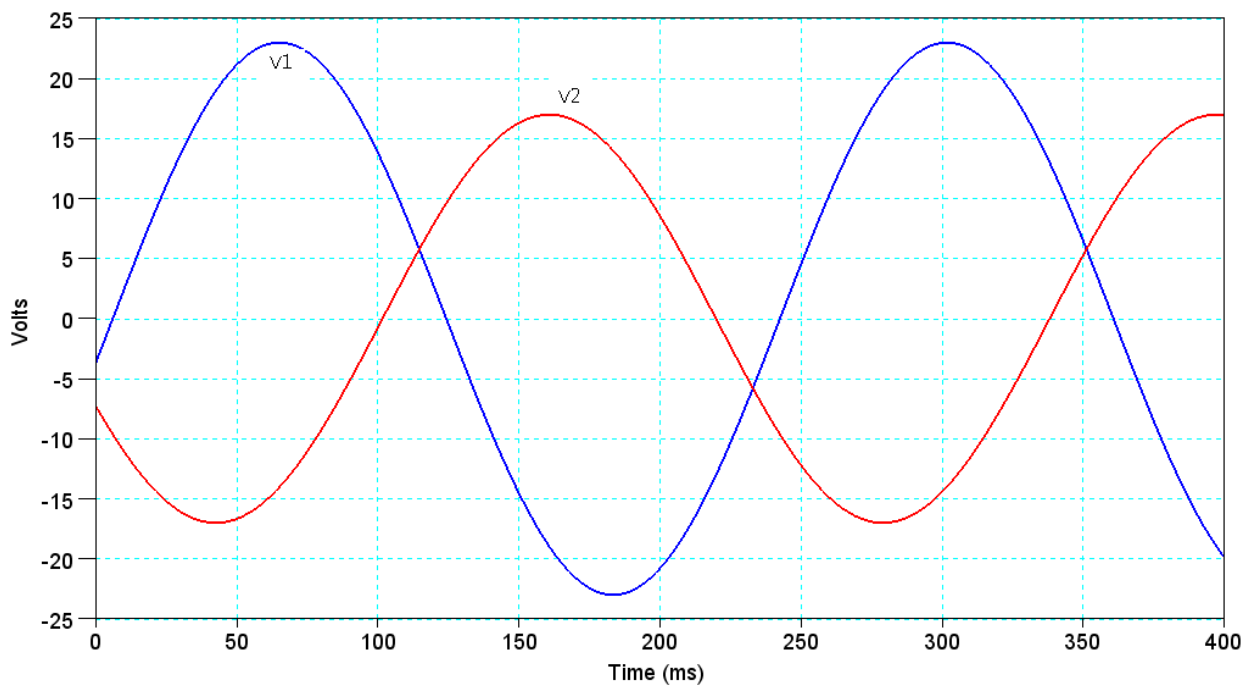
6) Determine the impedance between a and b

$Z_{ab} =$



7) Determine the voltages V1 and V2

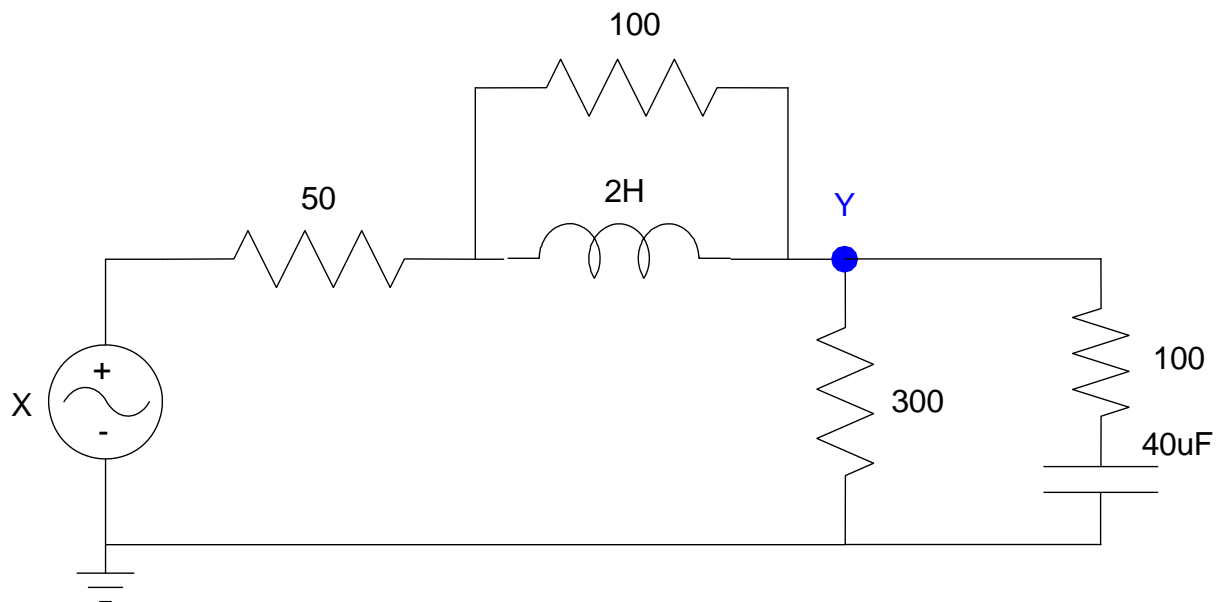
Frequency (Hz)	V1		V2	
	Amplitude (Vp)	Phase (degrees)	Amplitude (Vp)	Phase (degrees)



8) Determine the voltage at Y. Assume

$$x(t) = 15 + 20 \sin(100t)$$

y(t) =



Bonus! Which is more?

- The number of Democrats running for President in 2020, or
- The number of Godzilla movies that have been made