

Part I:

C = \_\_\_\_\_ R = \_\_\_\_\_  $\mathcal{E}$  = \_\_\_\_\_

Time Constant:

Observed = \_\_\_\_\_

Calculation:

Voltage when  $t$  = half of time constant:

Observed = \_\_\_\_\_

Calculation:

Part II:

L = \_\_\_\_\_ C = \_\_\_\_\_

Observed T = \_\_\_\_\_

Calculate T: