Resonance Quick Sheet

Print Last Name _____ Print First Name _____

Section_____ Date_____ TA_____

 (1)   **<u>Values:</u>**

   C_1 (μF) = _____ C_2 (μF) = _____

(2)   Measurement with one capacitor.

   C_1 (F) = _____ **Enter your result in scientific notation.**

   $f_0 =$ _____ **Enter your result to 4 digits.**

(3)   Measurement with capacitors in series.

   C_{series} (F) = _____ **Enter your result in scientific notation.**

   $f_0 =$ _____ **Enter your result to 4 digits.**

(4)   Measurement with capacitors in parallel.

   $C_{parallel}$ (F) = _____ **Enter your result in scientific notation.**

   $f_0 =$ _____ **Enter your result to 4 digits.**

(5)   Results.

   L_{exp} (mH) = _____

   % difference = _____