

AP Physics C Lab #16 – Capacitors in Series and Parallel

Name _____

Grade _____

Objectives:

- 1) Measure the capacitance of various circuits
- 2) Use the data collected to determine if the circuits obey the equations for capacitors connected in series and parallel.

Data:

Circuit #	Type (Single, Series or Parallel)	Potential Difference (V)	Charge (C)	Capacitance (F)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				

Conclusion: Write a paragraph that states whether your results follow the equations presented in class or not. Include numerical evidence that supports your conclusion.