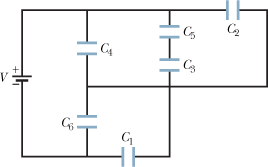
Capacitor Charge: http://edugen.wiley.com/edugen/courses/crs1650/art/math/halliday8019c25/math127.gif Stored energy: http://edugen.wiley.com/edugen/courses/crs1650/art/math/halliday8019c25/math134.gif Name:\_\_\_\_\_\_\_\_\_\_\_

http://edugen.wiley.com/edugen/courses/crs1650/art/math/halliday8019c25/math132.gif http://edugen.wiley.com/edugen/courses/crs1650/art/math/halliday8019c25/math133.gif\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
B. In the Figure below, *V* = 9.0 V, *C*1 = 2.5 μF, *C*2 = 7.3 μF, *C*3 = 3.0 μF, *C*4 = 2.7 μF, *C*5 = 6.0 μF, and *C*6 = 1.5 μF.   
1. What is the equivalent capacitance?  
2. What is the charge on the equivalent capacitance?  
3. What is the charge on *C*4?  
4. What is the energy stored on *C*4?



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