

Physics 202
Homework assignment #9
Due on the last day of class

From the text (Serway and Jewett)

Reading:

Read Chapter 28, sections 1, 2, 3, 5, and 6. We will come back and do section 28.4 (RC circuits) later.

Problems:

Chapter 28: (Questions start on page 884, problems start on page 885)

Questions: #4, 7

Problems: #1, 3 (“internal energy in the batteries” means “heat loss” due to internal resistance), **5, 9, 15, 21, 25**

#25 requires patience! You should have six equations at the start.

Eliminate (don't substitute) one variable at a time.