A 100 V battery is connected across a combination of n capacitors connected in series. The capacitance of each capacitor is 5.00 μ F. If the total stored energy is 50 μ J, what is n?

$$U = \frac{1}{2} CV^{2}$$

$$U = \frac{1}{2} \frac{C_{1}}{n} V^{2}$$

$$Soxno^{6} = \frac{1}{2} \frac{S \times n0^{6}}{n} (100)^{2}$$

$$N = 500$$

04	11	18	25	2	9	23	30	6	13	20	27	4	11	18
Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Dec	Dec	Dec

Solutions of the quizzes can be found on the webpage: http://faculty.kfupm.edu.sa/phys/aljalal/phys102.htm