2. When a camera uses a flash, a fully charged capacitor discharges through an inductor. In what time must the 0.100-A current through a 2.00-mH inductor be switched on or off to induce a 500-V emf?

SL-01 x 60 ib = 2/0

H 1 1 1 60 ib = 2/0

HU 00 5 = 2/P

11 2 = 2/P 6 3/P

11 2 = 3/P

11 2 = 3/P