

During DtR

"
$$|oop it": -iR-9 = 0 \Rightarrow iH = -9(t)$$
 => $dq = -9 \Rightarrow$ RC $dt = RC$

$$\frac{9}{Q}\int \frac{dg'}{f'} = \frac{t}{RC} - \frac{dt'}{RC} \implies |\eta \cdot \frac{Q}{Q}| = -\frac{t}{RC} \implies q = Qe^{-\frac{t}{RC}}$$

chiO sb. html B

ch 10 s7. html/27

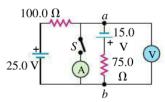
Example

loop it
$$\mathcal{E}$$
-I, $\mathcal{R}_1 + \mathcal{E}_2 - I_2 \mathcal{R}_2 = \sigma$

$$I_1 = I_2 \Rightarrow I_1 = \frac{\varepsilon, +\varepsilon_2}{\kappa, +\kappa_2} = 0.229 A$$

26.33 • In the circuit shown in Fig. E26.33 all meters are idealized and the batteries have no appreciable internal resistance.

(a) Find the reading of the voltmeter with the switch S open. Which point is at a higher potential: a or b? (b) With S closed, find Figure **E26.33**



the reading of the voltmeter and the ammeter. Which way (up or down) does the current flow through the switch?

I thru ammets = I2-I, = 0.20-0.25 A = -0.05 A (flowing downward)