



a.) Loop  $\curvearrowright$  from a:

$$-IR - \mathcal{E}_2 + \mathcal{E}_1 = 0$$

$$I = \frac{\mathcal{E}_1 - \mathcal{E}_2}{R}$$

$$I = -0.9A$$

negative  $\Rightarrow$  current is in the opposite direction chosen. i.e. CCW