Preflight 6.2

Calculate the current through resistor 2.

1) $I_2 = 0.5$ A   2) $I_2 = 1.0$ A   3) $I_2 = 1.5$ A

$$\mathcal{E}_1 - \mathcal{E}_2 - I_2 R = 0$$

$$\Rightarrow I_2 = 0.5 A$$