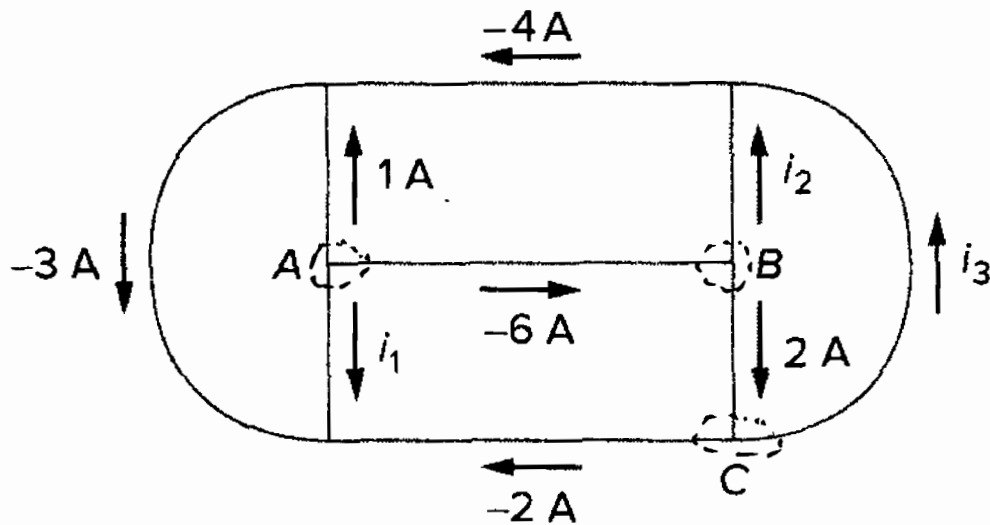


2.9 Find i_1 , i_2 , and i_3 . Use KCL.



Perform KCL @ Node A

$$1A + (-6A) + i_1 = 0 \Rightarrow \underline{\underline{i_1 = 5A}}$$

Apply KCL @ Node B

$$-6A = i_2 + 2A \Rightarrow \underline{\underline{i_2 = -8A}}$$

Apply KCL @ Node C

$$2A = -2A + i_3 \Rightarrow \underline{\underline{i_3 = 4A}}$$