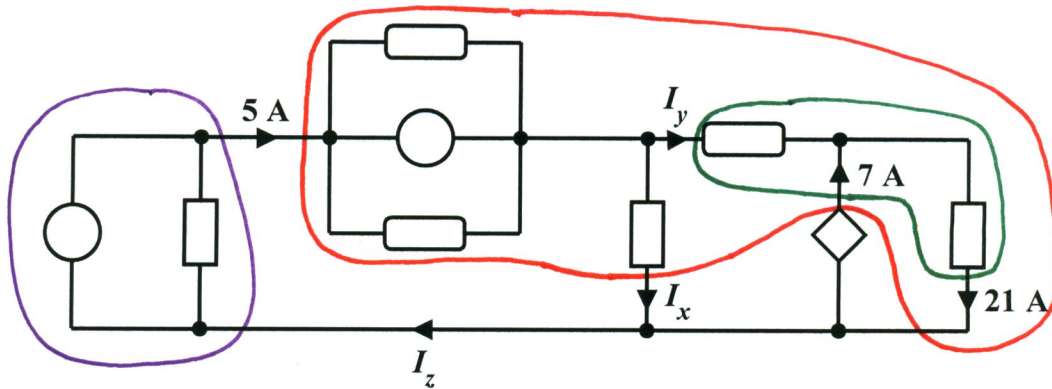Given the circuit shown below:



a.  Determine the value of $I_x$.

$$5A - I_x + 7A - 21A = 0$$
$$\Rightarrow \quad I_x = -9A$$

b.  Determine the value of $I_y$.

$$I_y + 7A - 21A = 0$$
$$\Rightarrow \quad I_y = 14A$$

c.  Determine the value of $I_z$.

$$I_z - 5A = 0 \qquad \Rightarrow \quad I_z = 5A$$