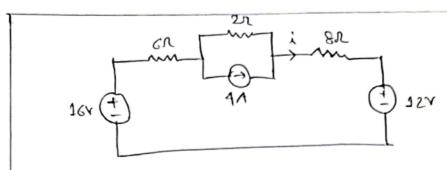
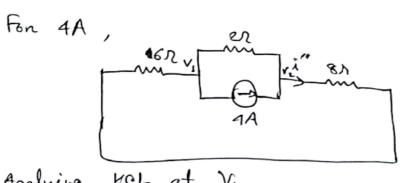
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$$1...$$
 $1' = \frac{16^{\circ}}{16^{\circ}} = 1^{\circ}$

$$-1.1'' = \frac{-127}{16R} = -0.75 A$$
 [-because of the current's direction]



Applying KCL at
$$V_i$$
,
$$\frac{V_i}{C} + \frac{V_1 - V_2}{2} + 4 = 0$$

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$$\Rightarrow \frac{2}{3} V_{1} - \frac{V_{1}}{2} = -4$$

$$\Rightarrow 4V_{1} - 3V_{2} = -24 \qquad 3$$

$$Applying FCL at V_{2},$$

$$\frac{V_{2}-V_{1}}{6} - 4 + \frac{V_{2}}{8} = 0$$

$$\Rightarrow \frac{7}{24} V_{2} - \frac{V_{1}}{6} = 4$$

$$\Rightarrow 4V_{1} = 7V_{2} - 4$$

$$\therefore V_{3} = \frac{7V_{2}-4}{4} = \frac{7V_{2}}{4} - 1$$

$$\Rightarrow 7V_{2} - 4 - 3V_{2} = -24$$

$$\Rightarrow 4V_{2} = -20$$

$$\therefore V_{1} = \frac{V_{2}}{8\pi} = \frac{-5V}{8\pi} z - 0.63A$$

$$\therefore \lambda = \lambda' + \lambda'' + \lambda'''$$

$$= 3A + -0.75A - 0.63A$$

$$= -0.28A$$

$$AQ_{3}$$