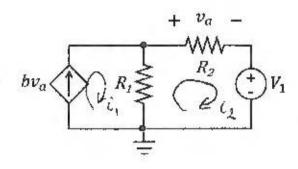
$$R1 = 3 \Omega$$

Find the voltage  $v_{\alpha}$ . Use mesh analysis.

$$R2 = 2 \Omega$$

$$b = 1.5 A/V$$

$$V1 = 10 V$$



$$\hat{\mathcal{E}} \quad \hat{\mathcal{L}}_1 = \hat{\mathcal{E}} \cdot \nabla_{\alpha} = \hat{\mathcal{E}} \cdot \hat{\mathcal{E}}_2 = \hat{\mathcal{E}} \cdot \hat{\mathcal{E}}_2$$

$$\otimes$$
 KVL IN (2):  $3(i_2-i_1)+2.i_2+10=0$ 

$$-2i_1$$

$$-4i_2=-10$$

$$U_{\alpha} = L_2 \cdot R_2 = 5V \Rightarrow \boxed{V_4 = 5V}$$

CHECK . KVL