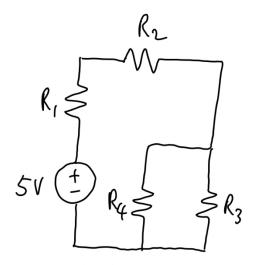
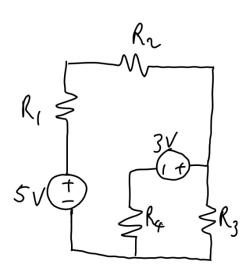


2)

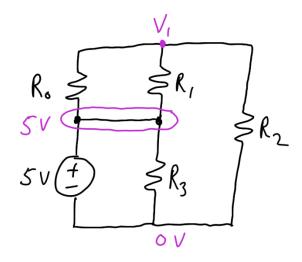


3)



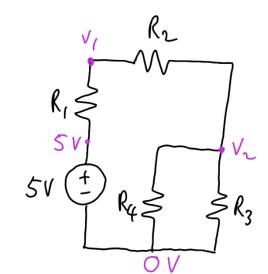
## Solutions:

1)



$$\frac{V_{1}-5}{R_{0}} + \frac{V_{1}-5}{R_{1}} + \frac{V_{1}-0}{R_{2}} = 0$$

2)

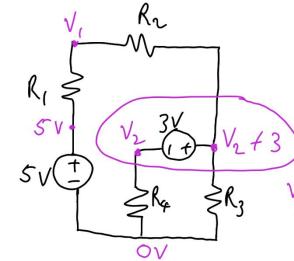


$$\frac{V_{2}-V_{1}}{R_{2}} + \frac{V_{2}}{R_{3}} + \frac{V_{2}}{R_{4}} = 0$$

$$\frac{V_{1}-V_{2}}{R_{2}} + \frac{V_{1}-S}{R_{1}} = 0$$

$$\frac{V_1 - V_2}{R_2} + \frac{V_1 - S}{R_1} = 0$$

3)



$$\frac{V_1-5}{R_1} + \frac{V_1-(V_2+3)}{R_2} = 0$$

$$\frac{\sqrt{2}+3}{\sqrt{2}+3} = 0$$

$$\frac{\sqrt{2}+3}{\sqrt{2}+3} = \sqrt{2}$$

$$\frac{\sqrt{2}+3}{\sqrt{2}+3} = 0$$