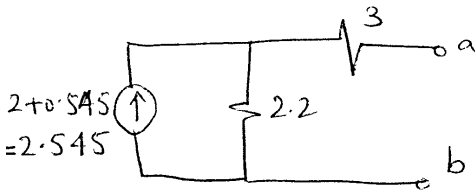
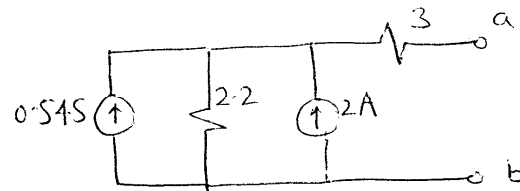
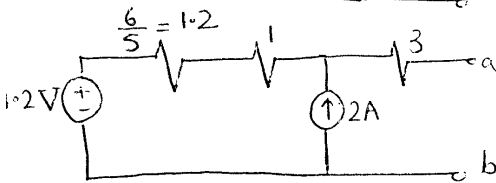
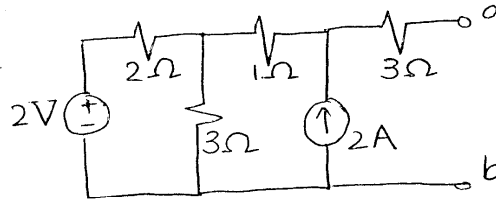
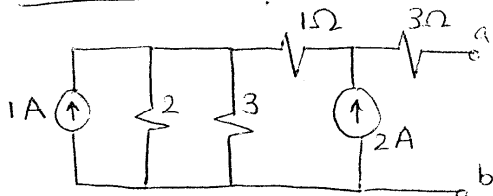


EE 204 Fundamentals of Electric Circuits Quiz 4 Solution (Sample Quiz)

ID KEY Quiz  
 Section \_\_\_\_\_

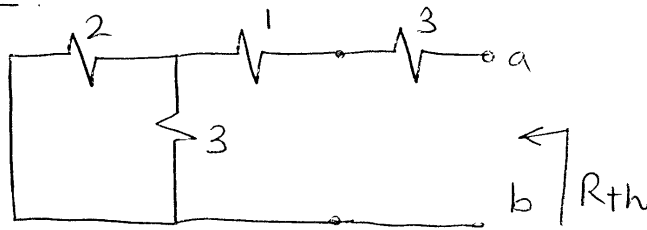
Find thevenin equivalent circuit at 'a', 'b'.

Find  $V_{Th}$  Using source tr.



$$V_{ab} = V_{th} = 2 \cdot 0.545 \times 2.2 = 5.6 \text{ volts}$$

Find  $R_{th}$



$$R_{th} = (2 // 3) + 1 + 3 = \frac{2 \times 3}{2 + 3} + 1 + 3 = 5.2 \Omega$$