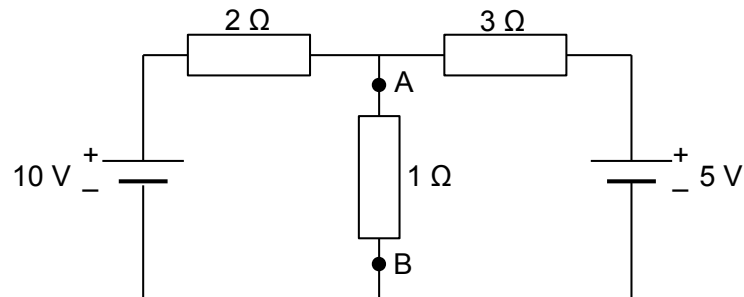


Electric Circuits,
Non-assessed problem Sheet Week2

1. (a) Use Kirchhoff's laws to find the current in the 1Ω resistor in the circuit shown below.



- (b) Repeat the above problem by first finding Thévenin's equivalent circuit at the terminals A and B. (Hint: To do this you need to remove the 1Ω resistor and then find the open circuit voltage V_{AB} and the resistance looking back into the terminals.)