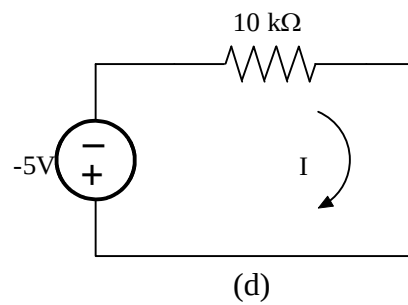
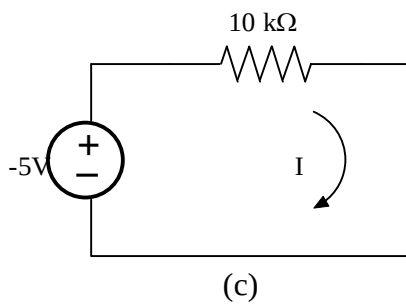
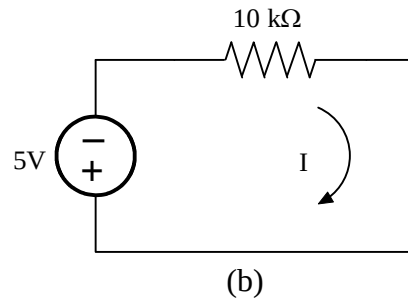
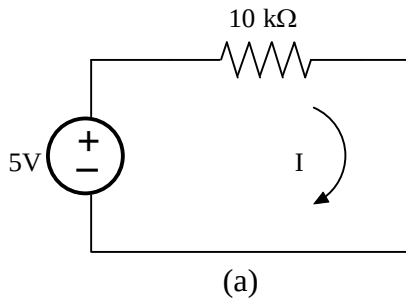
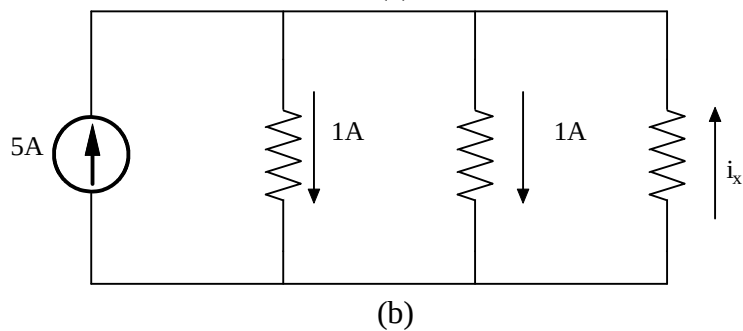
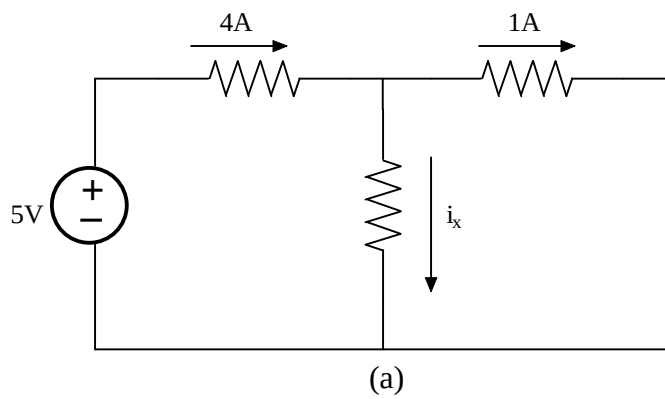


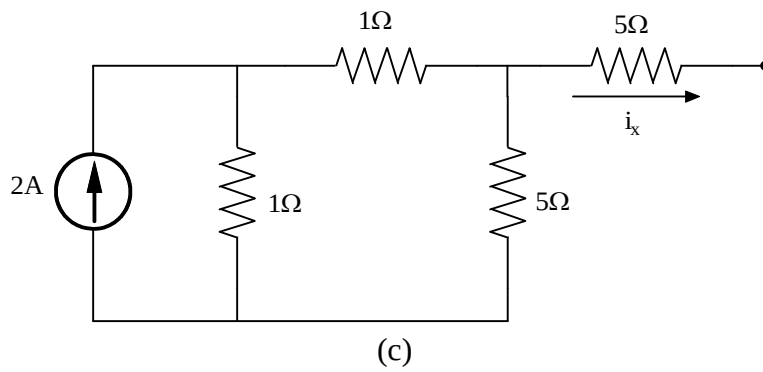
Homework 1

1. For each of the circuits, find the current I and compute the power absorbed by the resistor.

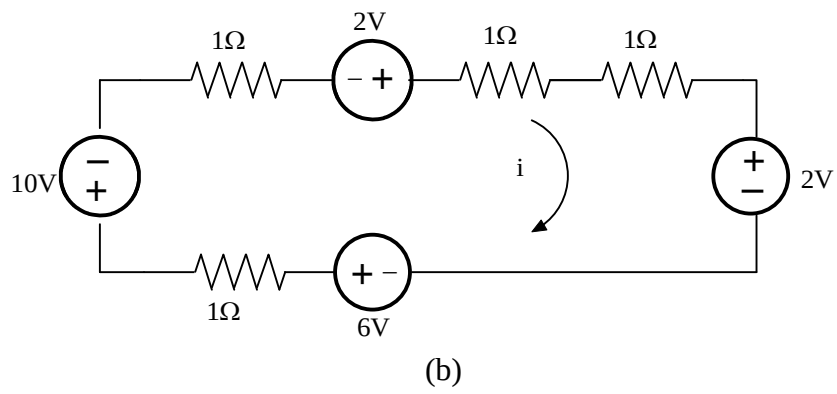
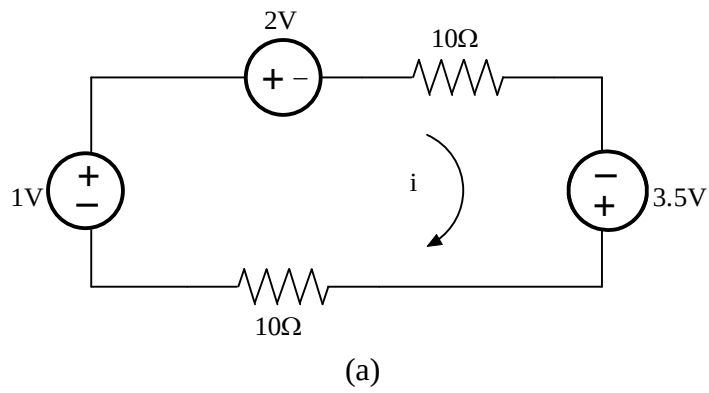


2. Find i_x in each of the circuits:





3. Determine the current i in the circuits:



4. Find i_1 in the circuit if the dependent voltage source is labeled:

- (a) $2v_2$
- (b) $1.5v_3$
- (c) $-15i_1$.

