Home Work # 2

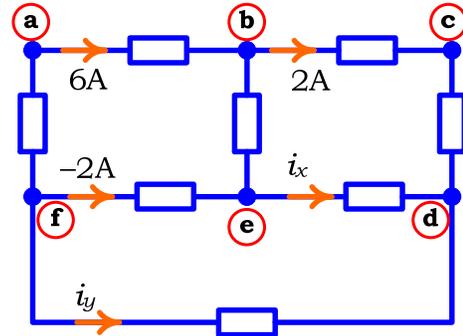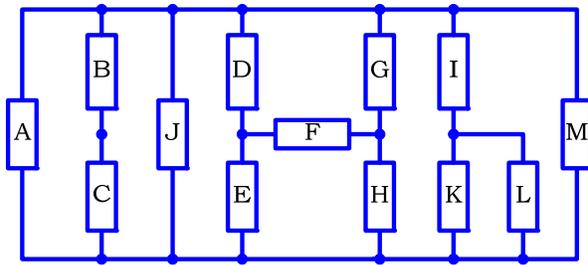**1.** Determine voltages v_x, v_y and v_z in the circuit give below.
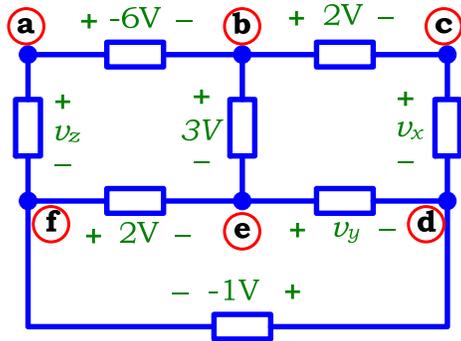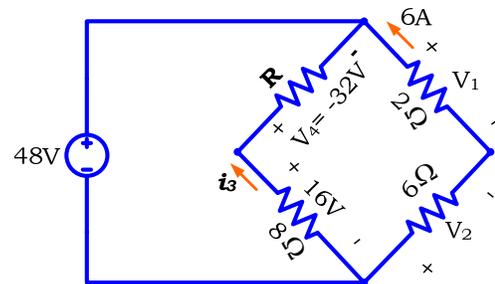

2. Determine the current i_x and i_y in the circuit give below.
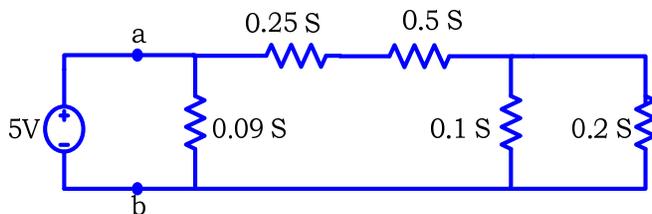

3. Determine which elements in the following circuit are connected in series & which are connected in parallel.

4. Calculate the unknown quantities in the following circuit.

5. In the given circuit, calculate: G_{eq} and R_{eq}.

6. Calculate the unknown currents in the following circuits.