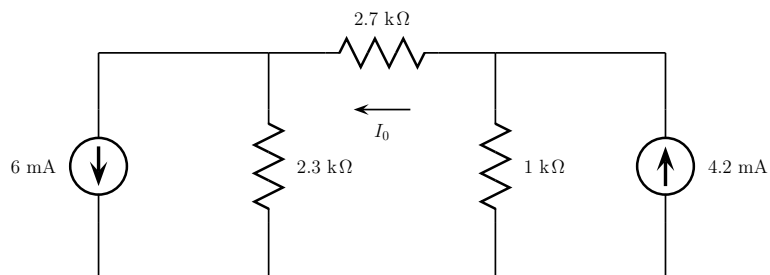


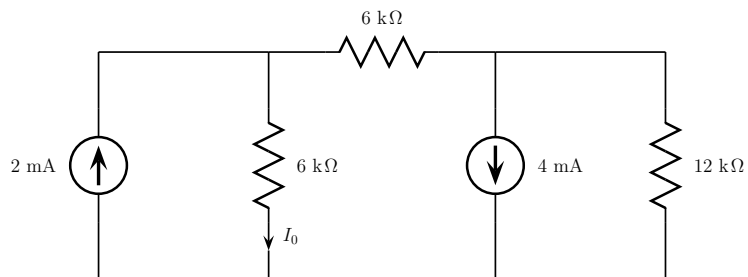
Preparation for Circuits

Concept Questions: Source Transformations

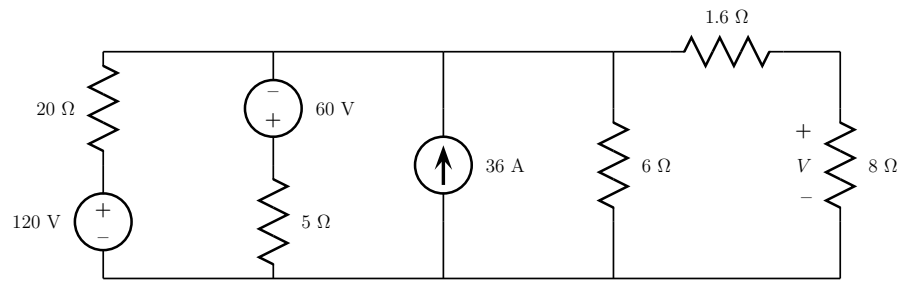
1. Use source transformations to find I_0 .



2. Use source transformations to find I_0 . Note: this is problem #3 in the Loop-Current Method. You can transform both sides of the circuit and solve for the current flowing through the $6\text{ k}\Omega$ resistor at the top. Use that information to find I_0 .



3. Use source transformations to find V .



4. Use source transformations to find I_0 .

