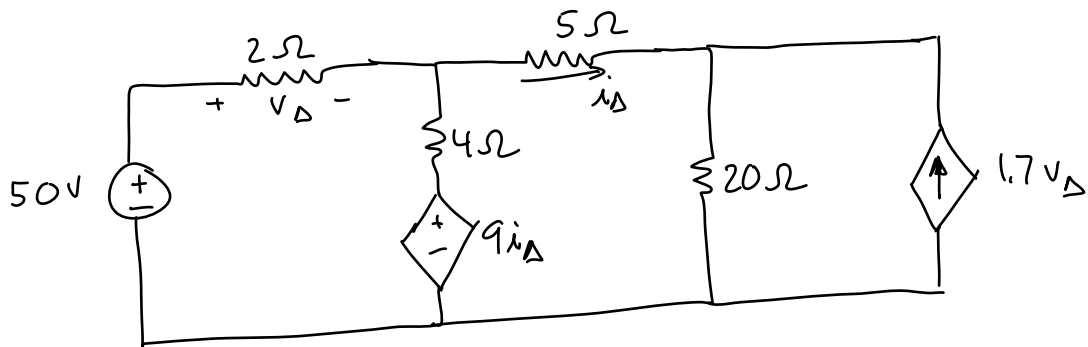


## Mesh Current Method

**Problem Statement:** Determine the mesh current equations and any needed constraint equations.



- 1.) Identify the meshes.
- 2.) Label the mesh currents.
- 3.) Label the voltages across every circuit element.
- 4.) Determine the voltages in terms of the mesh currents.

5.) KVL for each mesh.

6.) Determine any constraint equations for dependent sources and current sources.

7.) Solve for the mesh currents and any other quantities.

*Not required*