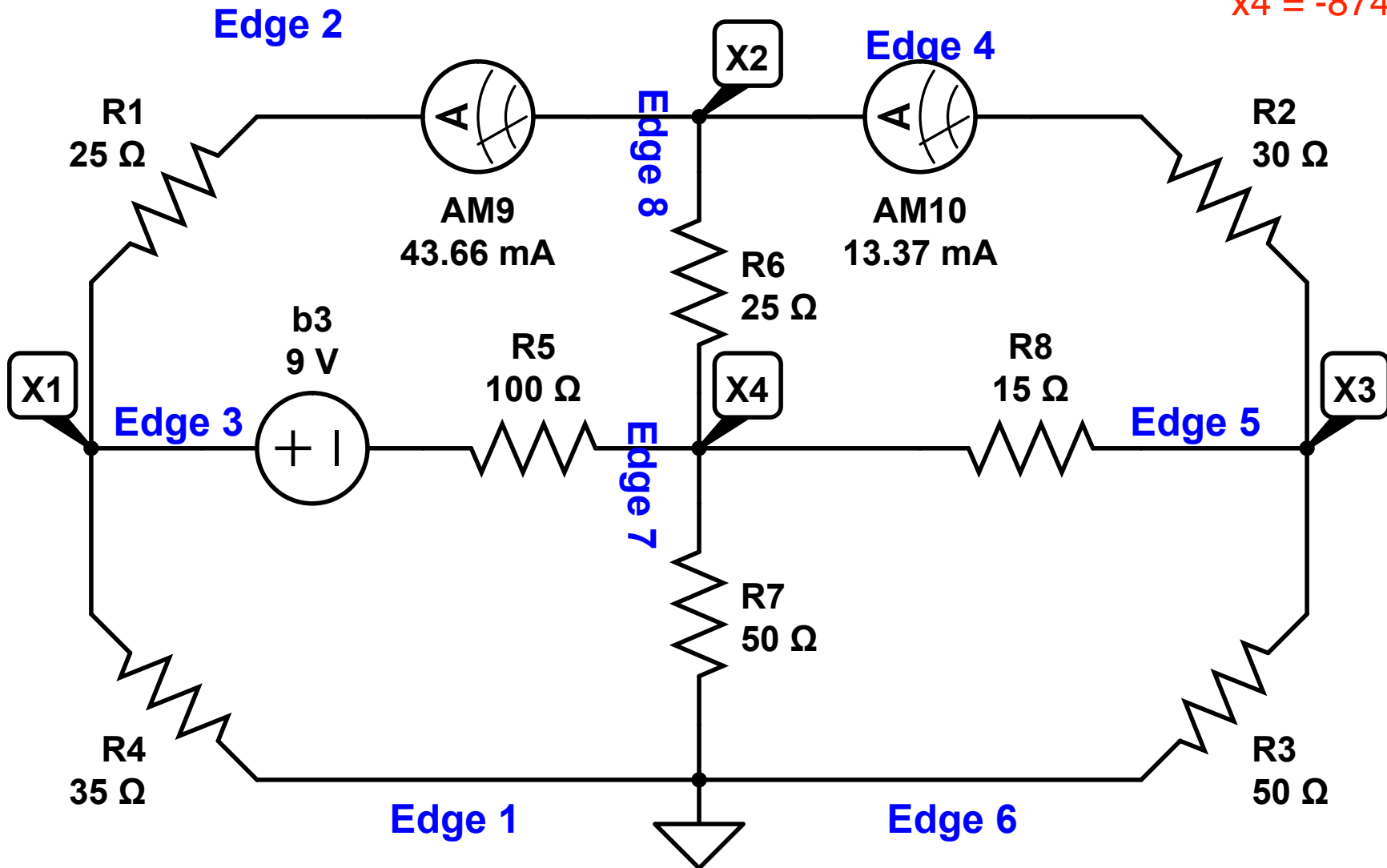


## Solutions

$x_1 = 974.7 \text{ mV}$   
 $x_2 = -116.9 \text{ mV}$   
 $x_3 = -518.2 \text{ mV}$   
 $x_4 = -874.2 \text{ mV}$



How to create the adjacency matrix A :

- \* Choose directions for each edge
- \* For each row (corresponding to an edge) put a -1 in the column corresponding to the starting node.

- \* Put a 1 in the column corresponding to the ending node
- \* Your final matrix should have 8 rows (one for each edge and 4 columns (one for each node, excluding x0)).