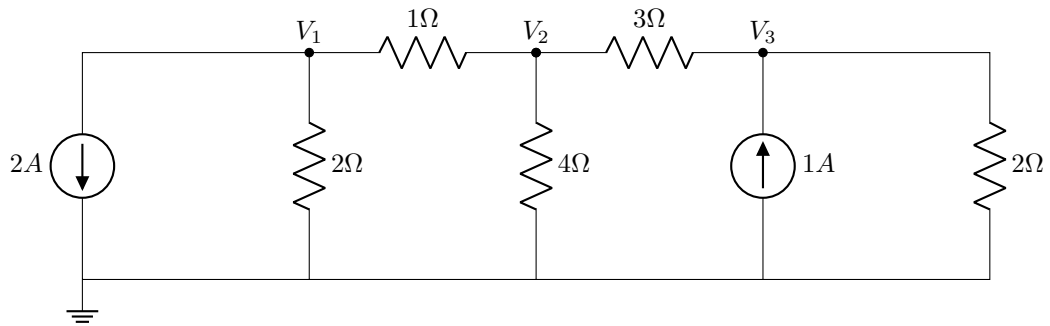


# Assignment 1

## Circuits I

**Question :** Use the following diagram to Answer Question 1, 2 and 3



**Question 1:** Write the  $G$  Matrix

**Question 2:** Write the  $R$  Matrix

**Question 3:** Find the Power losses in  $R_4$  ( $R_4 = 4\Omega$ )