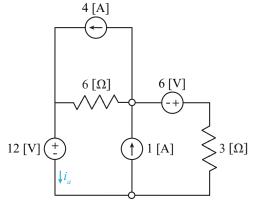
# Source Transformation Worksheet

MEMS 0031 - Electrical Circuits

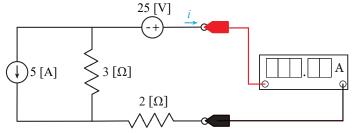
June  $10^{th}$ , 2020

## Problem #1

Use source transformation to find the current  $i_a$  in the circuit shown in the figure below.



Use the principal of superposition to find the reading of the ammeter in the circuit shown in the figure below.  $25[V]_{i}$ 



Determine the Thevenin equivalent circuit for the circuit shown in the figure below. 12  $[\Omega]$ 

