1. For the circuit in Figure 1, use mesh analysis to find the power absorbed by the 2 Ω resistor.

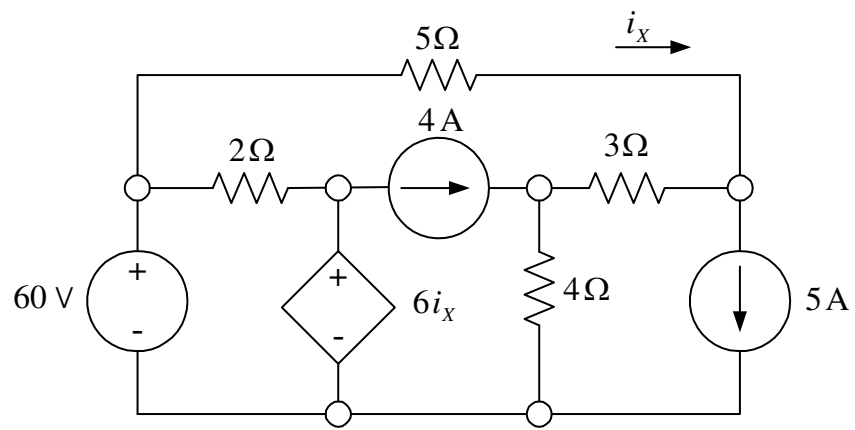Figure 1