**Problem Wk.9.3.3: More Thevenin**

1. Find the Thevenin voltage and resistance looking into the port labeled $V_A$ and $I_A$ in the circuit below:

   ![Circuit Diagram](image)

   \[ V_{th} = \text{Volts (as decimal number)} \]
   \[ R_{th} = \text{ohms (as decimal number)} \]

2. Find $V_{RB}$ and $R_B$ so that the Thevenin voltage is 12 Volts and the Thevenin resistance is 6 ohms when looking into the port labeled $V_B$ and $I_B$ in the circuit below:

   ![Circuit Diagram](image)

   \[ V_{BB} = \text{Volts (as decimal number)} \]
   \[ R_B = \text{ohms (as decimal number)} \]

3. Find $V_{CC}$ and $R_C$ so that the Thevenin voltage is 12 Volts and the Thevenin resistance is 6 ohms when looking into the port labeled $V_C$ and $I_C$ in the circuit below:

   ![Circuit Diagram](image)

   \[ V_{CC} = \text{Volts (as decimal number)} \]
   \[ R_C = \text{ohms (as decimal number)} \]