PROBLEM 1: Using nodal analysis, determine the four node voltages in the circuit. (10 points)

PROBLEM 2: Using nodal analysis, find the values of the two voltages and two currents shown in the circuit. (10 points)

PROBLEM 3: Using Mesh analysis, find the values of the four currents shown in the circuit. (10 points)

PROBLEM 4: Using Mesh analysis, find the values of the four currents shown in the circuit. (10 points)