This homework is based on lectures 4 through 6, and Chapter 3 of your textbook. The problems are in the order of your textbook chapter and are related to different sections of the text as noted below. Each problem is worth 10 points out of 100. You must show your work for each problem and put a box around your answer.

Textbook Section 3.2 & 3.3 on Nodal Analysis: Problems on pages 114 (3.2), 115 (3.10) and 117 (3.21 & 3.24).

Textbook Section 3.4 & 3.5 on Mesh Analysis: Problems on pages 119 (3.34), 120 (3.41 & 3.43), 123 (3.64).

Textbook Section 3.6 on Node and Mesh Analysis by Inspection: Problem on page 124 (3.69)

Textbook Sections 3.9 on Applications: Problem on page 125 (3.86)