Show your work on all problems! Note that the answers to two of the problems are in the appendix of Marion & Thornton, but they should only be used to check your work, since the answers by themselves are an insufficient solution to the problem.

1. Marion & Thornton, Problem 2-14
2. Marion & Thornton, Problem 2-12
3. Marion & Thornton, Problem 2-32
4. Marion & Thornton, Problem 2-25