EE 362: Signals and Systems Name: _____

Spring 2019

Homework #8 (Due: Thursday, March 28, 2019)

- Circle or box your answer (don't forget units).
- **Show** your steps.
- Use 8.5" x 11" paper, and trim off any ragged edges.
- **Staple** your work together and write your name neatly.

Work out the following problems from your textbook (Edward W. Kamen and Bonnie S. Heck, Fundamentals of Signals and Systems Using the Web and MATLAB, 3rd Ed, Prentice Hall, 2006)

1. Work out problem 4.1, part (a) [3 points]

2. Work out problem 4.4, part (a). [3 points]

3. Work out problem 4.5, parts (a), (b), (c), and (e). [4 points; 1 point for each part]

4. Work out problem 4.6, parts (b) and (c). [6 points; 3 points for each part]

5. Work out problem 4.9, parts (a) and (c). [6 points; 3 points for each part]

You can use MATLAB to solve the above problems. However, to receive credits for questions solved using MATLAB, you must printout your MATLAB script file and the results; hand writing/sketch is not acceptable for MATLAB solutions.