

ASSIGNMENT 4

Applied Mathematics for Electrical Engineering Technology (201-943-DW section 1)
Instructor: Emilie Richer

Due date: Friday, December 5th (beginning of class)

Complete the following exercises from the textbook *Basic Technical Mathematics* by Washington. Your complete solutions, including all your work are expected along with the final answer. Make sure you do the exercises assigned from the **edition of your textbook**

10th Edition Exercises

Section 4.1: #5-8, 29-32, 33-36
Section 8.3: #6, 10, 12, 22, 24, 30, 32
Section 4.2: #10,14, 22, 24
Section 8.2: #30, 32, 36, 40, 42
Section 8.4: #20, 22, 35, 53
Section 4.5: #10, 18, 20, 32
Section 20.5: #9, 10, 16
Section 12.1: #18, 20, 22, 26, 30, 52, 54
Section 12.2: #18, 22, 28, 30, 42
Chapter 12 Review: #28, 30, 32, 67, 75
(Bonus) Chapter 4 Review #94

9th Edition Exercises

Section 4.1: #5-8, 29-32, 33-36
Section 8.3: #6, 10, 12, 22, 24, 30, 32
Section 4.2: #10,14, 22, 24
Section 8.2: #30, 32, 36, 40, 42
Section 8.4: #20, 22, 35, 54
Section 4.5: #10, 18, 20, 32
Section 20.5: #9, 10, 16
Section 12.1: #18, 20, 22, 26, 30, 52, 54
Section 12.2: #18, 22, 28, 30, 42
Chapter 12 Review: #28, 30, 32, 67, 75
(Bonus) Chapter 4 Review #94

8th Edition Exercises

Section 4.1: #5-8, 29-32, 33-36
Section 8.3: #6, 10, 12, 22, 24, 30, 32
Section 4.2: #10,14, 22, 24
Section 8.2: #30, 32, 36, 40, 42
Section 8.4: #20, 22, 35, 52
Section 4.5: #10, 18, 20, 30
Section 20.5: #9, 10, 16
Section 12.1: #18, 20, 22, 26, 30, 52, 54
Section 12.2: #18, 22, 28, 30
Additional question: perform the indicated operation and simplify $(1+j)^{-3}(2-j)^{-2}$
Chapter 12 Review: #28, 30, 32, 67, 75
(Bonus) Chapter 4 Review #84