Assignment 6

Problem 1

Write the following three compounds in structural formulas:

- A
- B
- C

Problem 2

(a) Write the IUPAC name for the following compound:

(b) Write the IUPAC name for the following compound:

Problem 3

(a) Predict the major product of the following reaction:

(b) Predict the major product of the following reaction:

Problem 4

(a) Predict the major product of the following reaction:

(b) Predict the major product of the following reaction:

Problem 5

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 6

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 7

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 8

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 9

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 10

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 11

(a) Balance the following redox reaction:

(b) Balance the following redox reaction:

Problem 12

(a) Balance the following redox reaction:

(b) Balance the following redox reaction: