**Chapter 1 Exercise Questions**

Name:

1. Convert the decimal number 339 to an unsigned binary number. Make sure and show your work per Example 1.2 from the textbook. You can start on either right or left.

2. Convert the decimal number 845 to a hexadecimal number. Make sure and show your work per Example 1.5 from the textbook. You can start on either the right or left.

3. Convert the unsigned binary number 11110000 to a decimal number. Make sure and show your work per Figure 1.5 from the textbook.

4. Convert the hexadecimal number 4E to a decimal number. Make sure and show your work per Figure 1.6 from the textbook.

5. Convert the following two’s complement binary numbers to decimal numbers. Make sure and show your work per slides 58 and 59 of the Chapter 1 PowerPoint.

a. 10110101

b. 10011111