Using the Huffman tree in Figure 6.5,

a. Write the binary string for the message "scissors cuts paper".

Problem 2, only do “scissors” for part a.

001100000011000110011100100100011

0011 00000 0110 0011 0011 1001 0010 0011

s c i s s o r s

scissors

b. Decode the following binary string using the tree in Figure 6.5:

1100010001010001001011101100011111110001101010111101101001

110001 0001 010 0010 010 111 0110 0011 111 110001 1010 10111 10110 1001

w h e r e \_ i s \_ w a l d o

where\_is\_waldo