U1L7 Reflection Questions

Name:_____

1. Define encode:

2. Define protocol:

3. Define ASCII:

4. Define Unicode:

5. How many bits are required to store the number “150” in ASCII?
    a. 3 bits
    b. 8 bits
    c. 16 bits
    d. 24 bits
    e. 32 bits

6. The word “Apple” translated into its ASCII number equivalent is:
    a. 097 112 112 108 101
    b. 097 108 108 111 119
    c. 065 112 112 108 101
    d. 065 110 110 105 101
    e. 065 108 108 111 119

7. Now translate the word “Apple” into binary:

8. How many bits are required to store the word “Apple” in ASCII?

9. Explain why txt files are so much smaller than doc files.

10. If we wanted to draw a line on the entire screen of an iPhone 7 that has a resolution of 750x1334, how many bits would we need?