Work the following problems in the space provided. You may use a scientific calculator to check your answers, but you must be able to work these problems by hand. When you have them all worked, Get back on Brightspace and fill in the answers on the Quiz. Express the results in 2 nibbles (8 bits) with a space between them.

1. Compute the sums of the following pairs of unsigned integers.

   (a) 1100 0100 + 0011 0110

   (b) 0000 1110 + 1010 1010

   (c) 1100 1100 + 0011 0011

   (d) 0111 1111 + 0000 0001

2. Compute the product of the following pairs of unsigned integers.

   (a) 1001 X 0110

   (b) 1111 X 1111

   (c) 0101 X 1010