ECE 1195 Lab 4 Multiplication

The way I tested multiplication were with the following commands:

LUI $1 0xF1E8

ORI $8 $0 0x0011

SRA $2 $1 8

MULTU $1 $2

MFHI $1

MFLO $2

LW $1 15($8)

LW $2 19($8)

I verified the multiplication was successful through an online multiplication calculator and checking the memory table for the high and low registers.

LUI $1 0xF1E8 = F1E80000

SRA $2 $1 4 = FFF1E800

So HighReg = F1DAAEA2

And LowReg = 40000000





