THIS IS AN **CLOSED** BOOK/NOTES QUIZ

(10 points)

(3) The 68HC11 microcontroller’s memory space address range has a total size of \_ 64K \_\_\_-

 (The answer is how many total bytes make up the memory space.)

(2) Are all of these addresses occupied, i.e., have RAM or ROM physically there? (Y or N)

\_\_\_ N \_\_\_\_\_\_

(3) How many bits of address are required to address a specific address in this address space?

 \_ 16 bits \_\_

(2) The direct address mode only the least significant byte of the address of the operand is specified in the instruction. The most significant byte is what value? \_\_\_\_\_ $00 \_\_\_\_\_