

Name: _____

Grade: **/10**

- [3] 1) Convert **256.13** (base 10) to hexadecimal first, then from hex to binary, and last from binary to octal. Carry the fractional part out to two hexadecimal places.

Answers: Hex _____

Binary _____

Octal _____

- [2] 2) Convert **43** (base 5) to base 8.

Answers: _____

- [2] 3) Find the 2's complement of **1001110110**

Answers: _____

- [3] 4) Perform the following hex addition and binary multiplication:

$$\begin{array}{r} 2CF3 \\ + 56DE \\ \hline \end{array}$$

$$\begin{array}{r} 0110 \\ \times 0011 \\ \hline \end{array}$$

Scratch Space