## ECE 273 WOZ QUIZ 1

NAME :

KEY

HONOR CODE:

- (5) 1. Let X = 1234 (10)
- (2.5) (b) Write X In hexdecimal

  16 11234 = 77 R2

  16 117 = 4 R13 = 4D2(16) 02 V V

  16 14 = 0 R4 = 4D2(16) 22 V V V
- (2.5) 2. Write  $10010010_{(2)}$  in decimal

  Place  $value: 2^7 \cdot \cdot \cdot 2^2 2^2$   $10010010_{(2)} = 2^{7}_{(10)} + 2^{4}_{(10)} = 146_{(10)}$
- (2.5) 3. Write  $AEF_{(16)}$  in decimalPlace:  $16^{2}16^{1}16^{\circ} = 10\times16_{(10)}^{2} + 14\times16_{(10)}^{\circ} + 15\times16_{(10)}^{\circ}$ =  $2799_{(10)}$