

Math 100
Fall, 2008

Name _____

Homework #9
Due Thursday, October 16
No late papers accepted! No excuses!

1. Write the number 10101_{two} in base 10.
2. Write the number $5AC_{\text{sixteen}}$ in base 10.
3. Write the number 625_{ten} to base 8.
4. Write the number 4923_{ten} to base 16.

5. Multiply: $101_{\text{two}} \times 110_{\text{two}}$

6. Multiply: $46_{\text{eight}} \times 5_{\text{eight}}$

7. Subtract: $3264_{\text{eight}} - 756_{\text{eight}}$