

CSC 216 Logic and Switching Theory
Group Homework #1

Convert the following numbers from the specified base to the new base.

Show your work.

Circle your final answer.

Write the decimal with the proper number of digits.

1. 374.24_8 to base 10
2. 374.24_{10} to base 8
3. $3A4.24_{12}$ to base 10
4. $427.2B_{13}$ to base 10
5. 344.12_{10} to base 20
6. 322.14_5 to base 10
7. 374.24_{10} to base 27
8. 3112.22_4 to base 10
9. 604.124_{10} to base 12
10. 3374.204_{10} to base 9