

Number Systems Conversion Exercise

Feel free to use calculators. For some of the simpler ones, **try doing by hand**. Understand why the answers are what they are.

1. Convert the following numbers from decimal to binary:

38 _____

54 _____

39 _____

75 _____

2. Convert the following numbers from binary to decimal:

110001 _____

10001 _____

1111 _____

111110 _____

3. Convert the following numbers from binary to hex:

110001 _____

10001 _____

1111 _____

111110 _____

4. Convert the following numbers from hex to binary:

FF _____

3B _____

5. Convert the following numbers from hex to decimal:

05DC _____

FF _____