Number Systems

1.1 Number Systems

1. What is another name for the base-10 number system? _____

2. To make reading and writing large numbers easier we use _____ notation.

3. Convert the following numbers from binary to decimal.
   a. 101   b. 1011

   c. 10001   d. 11110

4. List the numerals that make up the octal number system.

5. Convert the following numbers from octal to decimal.
   a. 10   b. 17

   c. 54   d. 103

6. List the numerals that make up the hexadecimal (hex) number system.

7. Convert the following numbers from hex to decimal.
   a. B   b. 10

   c. 2A   d. 61