Numeric systems

Exercises

Convert the following numbers to the specified base:

Binary to decimal

1. 11001011
2. 00110101
3. 10000011
4. 10001111
5. 11100011
6. 00000100
7. 00010010
8. 00111111
9. 10101010
10. 01010101

Decimal to hex

1. 233
2. 21
3. 9
4. 75
5. 188
6. 56
7. 4
8. 121
9. 94
10. 201

Hex to binary

1. 0x45
2. 0xFA
3. 0x5D
4. 0x99
5. 0x03
6. 0x6B
7. 0xDD
8. 0xFE
9. 0x22
10. 0x18

Binary to hex

1. 11001100
2. 11110001
3. 00110001
4. 11000010
5. 10100100
6. 10100111
7. 11101100
8. 11111100
9. 00111111
10. 00000011

Decimal to binary

1. 213
2. 9
3. 67
4. 99
5. 23
6. 143
7. 6
8. 1
9. 197
10. 252

Hex to decimal

1. 0x5A
2. 0xCC
3. 0x97
4. 0x40
5. 0x07
6. 0x3D
7. 0xF1
8. 0xFB
9. 0x82
10. 0xE4