1. Convert the following from decimal to binary

• 1 = 1

• 42 = 101010

• 256 = 100000000

• 4,294,967,296 = 100000000000000000000000000000000

2. Convert the following from binary to decimal

• 10000000 = 128

• 10101010 = 170

• 11110000 = 240

• 11001100 = 204