1010 = 1x2^3+0x2^2+1x2^1+0x2^0 = 10

1101 = 1x2^3+1x2^2+0x2^1+1x2^0 = 13

100111 = 1x2^5+0x2^4+0x2^3+1x2^2+1x2^1+1x2^0 = 39

111000 = 1x2^5+1x2^4+1x2^3+0x2^2+0x2^1+0x2^0 = 56

10101010 = 1x2^7+0x2^6+1x2^5+0x2^4+1x2^3+0x2^2+1x2^1+0x2^0 = 170