- · data + instructions represented using binary.

Deca sys	dem (o	ecimal) :				
10	103	102	10	100		
10 000	1000	100	ا ۱۵	1		
0	0	0	υ	9	:	9
				•		'10
			17			

Binary System:

2	23	22	21	2°		
16	8	4	2	1		r 8 + 1
Ó	Y	o	ø	1	:	9 = 1001
1	O	1	٥	1	:	9 ₁₀ = 100012
						210 = 101012

Hexa system: 0-9, ABCDEF

6553L	16 ³ 4096	16 2 258	16'	tb°	
	A	o	5	F	: (10 · 4096) + (5 · 16) + (15 · 1) = 4105510 = ADS

Given 6053010 = EC7216

Binary to Decimal:

Pecimal to Binary: Draw table.

Practice

1)
$$45_{10} = 101101_2$$
 2) $1011_2 = 2^3 + 2^1 + 2^0$
32 16 8 4 2 (= 11₁₀