**1.** (10010)2 = (18)10

20\*0 + 21\*1 + 22\*0 + 24\*1 = 18

**2.** (1110011)2 = (115)10

20\*1 + 21\*1 + 22\*0 + 24\*1 + 25\*1 + 26\*1 = 115

**3.** (53)10 = (110101)2

53/2 = 26 kalan = 1

26/2 = 13 kalan = 0

13/2 = 6 kalan = 1

6/2 = 3 kalan = 0

3/2 = 1 kalan = 1

1/2 = 0 kalan = 1

**4.** (133)10 = (85)16

133/2 = 66 kalan = 1

66/2 = 33 kalan = 0

33/2 = 16 kalan = 1

16/2 = 8 kalan = 0

8/2 = 4 kalan = 0

4/2 = 2 kalan = 0

2/2 = 1 kalan = 0

1/2 = 0 kalan = 1

(10000101)2 =

0101 -- 20\*1 + 21\*0 + 22\*1 + 23\*0 = 5

1000 -- 20\*0 + 21\*0 + 22\*0 + 23\*1 = 8

(85)16

**5.** (10110011)2 = (B3)16

0011 -- 20\*1 + 21\*1 + 22\*0 + 23\*0 = 3

1011 -- 20\*1 + 21\*1 + 22\*0 + 23\*1 = 11=B

(B3)16