(f) 18107_{10} to hexadecimal

1 to binary

18107 | 2
9053 | 2 — 1
4526 | 2 — 1
2263 | 2 — 0
1131 | 2 — 1
565 | 2 — 1
282 | 2 — 0
141 | 2 — 1
70 | 2 — 0
35 | 2 — 1
17 | 2 — 1
8 | 2 — 0
4 | 2 — 0
2 | 2 — 0
1 — 1

$$10001101011011_2$$

2 to hexadecimal

$$\underbrace{100}_{4}\underbrace{0110}_{6}\underbrace{1011}_{B}\underbrace{1011}_{B} = 46BB_{16}$$

$$18107_{10} = 46BB_{16}$$