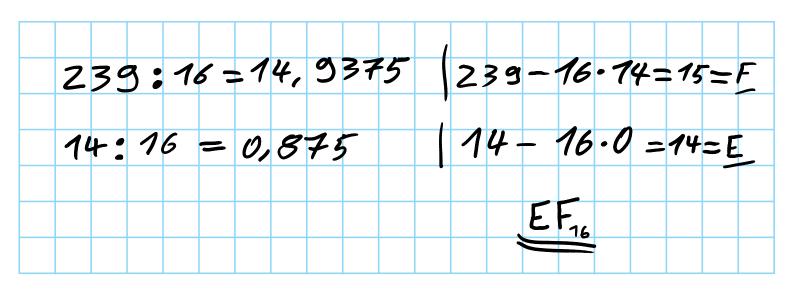
Hexadecimal / Decimal



Converting Decimal to Hexadecimal: $239_{10} \rightarrow \chi_{16}$

The Hexadecimal system has 16 numbers: It ranges from 0 to 15, or from 0 to F: 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F.



Converting Hexadecimal to Decimal: $EF_{76} \rightarrow X_{10}$ This works similarly to converting from binary to decimal. We write down the bits, fill in the hexadecimal number

and add up.

1)	2 2 1 0
' /	16 16 16
	16 ³ 16 ² 16 ¹ 16 ⁰ 4096 Z56 16 1
	EF
7)	
4)15.1=15	
2) 15 · 1 = 15 16 · 14 = 224	3),224
	23910

$$EF_{16} = 239_{10}$$