Example 1: Convert the decimal number 15_{10} to binary

Wednesday, 19 August, 2020

11:46 AM

Example 2: Convert the decimal number 343₁₀ to binary

Monday, 24 August, 2020 4:39 PM

$$343_{10} \Rightarrow 101010111_{2} \qquad 9$$

$$\frac{343}{2} \Rightarrow 171$$

$$5 \Rightarrow 2 \qquad 171 \qquad \Rightarrow 85$$

$$2 \Rightarrow 3 \Rightarrow 42$$

$$1 \Rightarrow 42$$

$$1 \Rightarrow 3 \Rightarrow 42$$

$$1 \Rightarrow 43$$

$$1 \Rightarrow 44$$

Example 3: Convert the binary number 1101₂ in the decimal form

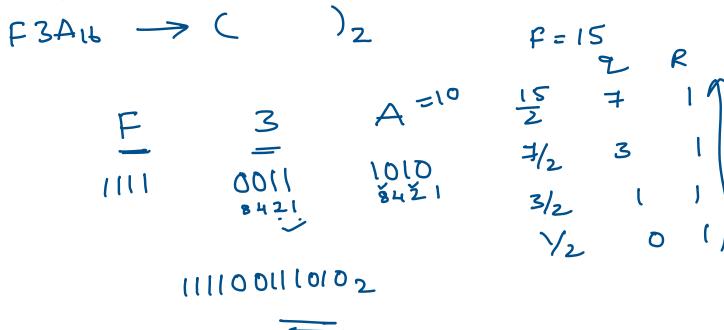
Example 4: Convert the octal number 317₈ to binary. Monday, 24 August, 2020 4:40 PM 2 R 3 1 7 2 3 1 1 3 1 7 5 1 001 111 72 0 1

0110011112

A2 Slot 26-08-20 Page 4

Example 5: Convert the hexadecimal number $F3A_{16}$ to binary

Monday, 24 August, 2020 4:40 PM



Example 6: Convert 11110110 to octal and to hexadecimal.

Monday, 24 August, 2020 4:40 PM

Octol

Octol

Oll 110

3 6 6

421

Oll

hexa decimal

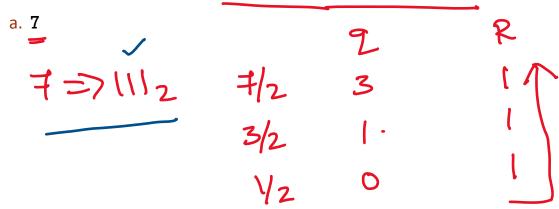
Shall OllO

III 3421

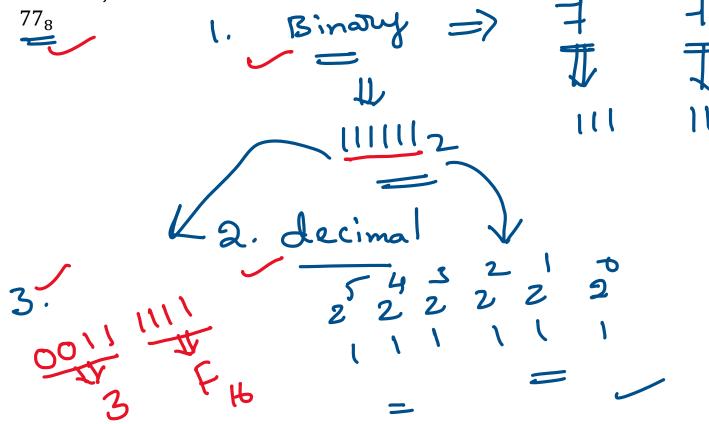
Flore

Convert the following binary numbers to decimal form

Express the following decimal numbers in binary form



421 111 34+2+1 = 7 Express each of the following octal numbers in binary, decimal, and hexadecimal forms



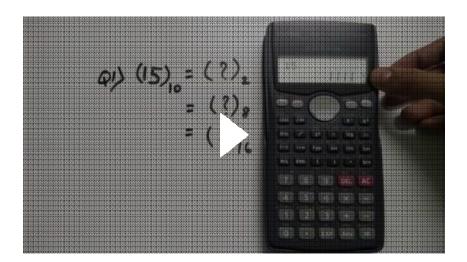
Express the following decimal numbers in binary, octal, and hexadecimal forms

a. 313

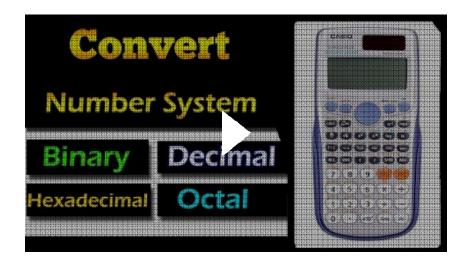
2. Octal 3. hexadecimal

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Number System Conversion - Decimal, Binary, Octal & Hexadecimal | Scientific Calc



Number Base Conversion in Scientific Calculator (fx-991 ES plus)



<u>Casio Classwiz FX-991EX FX-87DEX FX-570EX Binary</u> <u>Decimal Hexadecimal Octal conversion</u>

