

Slide 57-59 questions

Subtract the following hexadecimal numbers

$$7ACD - 3A8C = ?$$

Show the computation in detail with all the carries. The result should be Hexadecimal

$$\begin{array}{r} 7ACD \\ - 3A8C \\ \hline 4041 \end{array} \text{ in hex}$$

d is 13
c is 12
a is 10

Convert 01110110 into 2's Complement form. (switch 0s to 1s and add 1 at the end)

reverse 0s to 1s,
add 1 at the end.

10001001 converted.

100001010

two's
complement.

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Subtract the following Octal numbers

$$765 - 321$$

Show the steps with carries. A result is an octal number

$$\begin{array}{r} 765 \\ - 321 \\ \hline 444 \end{array}$$