Midtern #67 Vonit

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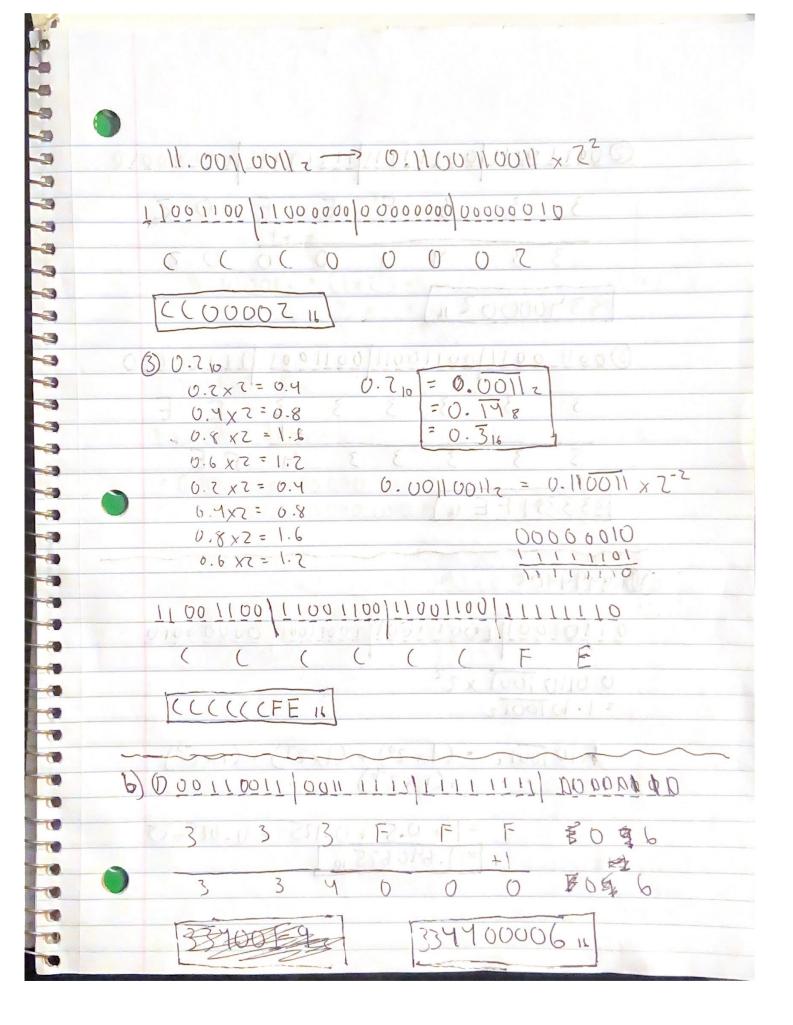
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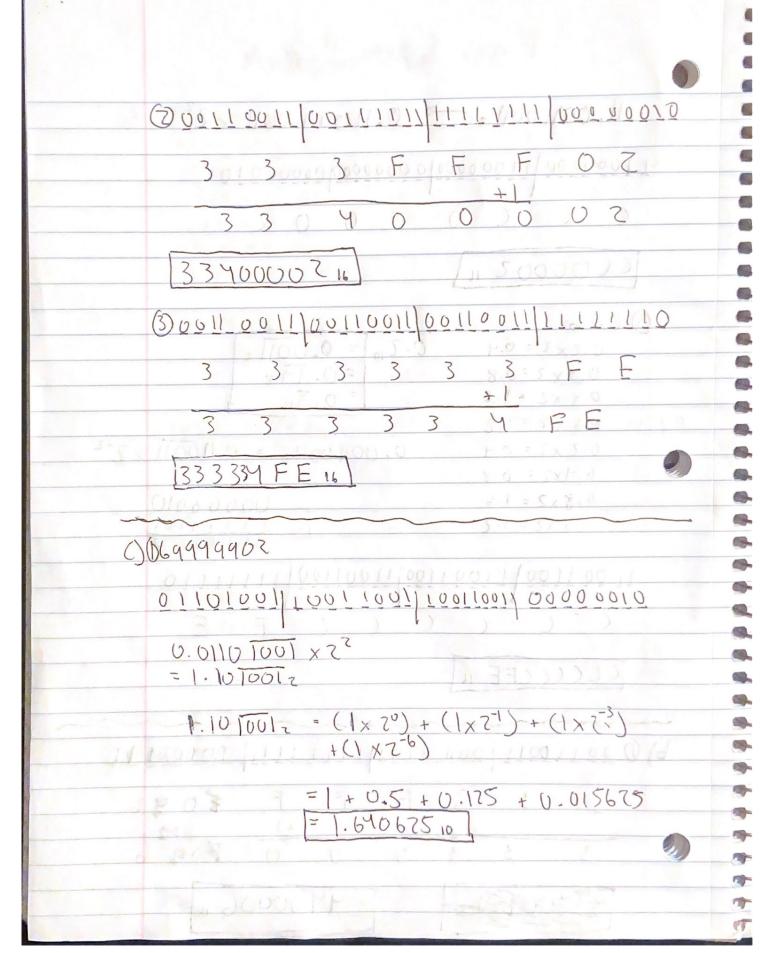
SIL

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a) (051.187510 (). 1875 X7 = 0.375 51/2 = 25 RI 0.375 xZ = 0.75 25/2=17 R1 X= N S 0.75 x 2= 1.5 12/2=6 RO O. Idustales. Statubl.O 6/2 = 3 RO 3/2 = 1 RI 1/2 = 0 RI 51.1875,0 = 110011.00112 = 0.1/00/100/1 x Z6 () 1/100/1.00/12 = 33.316 = 63.148 (((00606) (2) 3.1997187510 3/2=1R1 0.19921875 x 2 = 0.3984375 0.398 4375 x2=0.796875 1/2 = OR1 U.796875 x2 = 1.59375 U.59375 x 2 = 1.1875 0.1875 x2 = 0.375  $0.375 \times 7 = 0.75$ 0.75 X2 = 1.5 -5 XZ = 1.0 3. 19921875 10 = 11.00110011 z = 3.1468

= 3.33 16





0 69999903 H 5 X 1001 0110 .0 = = 11.01001z. 11.010012 = (1x2) + (1x2°) + (1x2-2) + (1x2-5) = 7 + 1 + 0.25 + 0.03175  $= 3.28175_{10}$ (3) 96 66 67 FF 16 1007011001100110 011001111111111111 = 0.1001010011001100111 x2' 111111 = 1.0010110011001100111 0000000 10000000 = (1x2°) + (1x2°3) + (1x2°5) + (1x2°6) + (1x2°9) + (1x2°0)  $+(1\times2^{-13})+(1\times2^{-14})+(1\times2^{-17})+(1\times2^{-18})+(1\times2^{-18})$ = 0.175 + 0.03175 + 0.015675 +.001953125 +0.0009765625 + ... FT. 1750000715255737304710