1.

() (13), = (8441) 10= (119), (0,25), = (0,01),  $= 7 (13,25) = (1101,01)_{2} = (1,10101.2^{3})$ (i) (235) = (128+64 + 32+8+2+1) = (11101011)  $(1875)_{10} = (911)_{2} = 7(235.875) = (1110101/11)_{2} = (1.11001111.2^{4})$ ilij (76),0 = (64 +8+4),0 = (1001100)2 0,1875,2 = 0,375 0.375.2 = 0.759 =)  $(.1875)_{10} = (.0011)_{2}$ 0,5.2=1 =)  $(76,1875)_{10} = (100100,0011)_2 = (1,001100011, 26)_2$  $(768)_{10} = (512 + 256) = (11000000000)$ (0,31st) = (0,0101) 2  $=) (768,3125)_{10} = (1100000000,0101)_{2} = (1,1000000000101.29)_{2}$  $(855)_{10} = (512 + 256 + 64 + 16 + 4 + 2 + 1) = (1101010111)$ 0,515625.2=1,03125 0.03125.2 = 0.0625 = 0.0855, 515625) = (10.001011, 100001) = (1.1010111100001.2)0,125,2 = 0,25 0125.2 = 0,5 0,5,2 = 1 

5. 
$$(1.2^{-127+127})_{2} = (1)_{2} = (10)_{10}$$

$$(1,000|\infty|.2^{-127+128+4}) = (1,000|0,00|)_{2} = (34,125)_{10}$$

$$-(1,101|0|0.2^{-127+128+4}) = (-1,101|0|0,001)_{2} = (-54,625)_{10}$$

$$-(1,101|0|\infty|1.2^{-127+128+8}) = (-1,101|0|0,001)_{2} = (-954,1875)_{10}$$

$$-(1,101|0,2^{-127+126}) = (-0,101|1)_{2} = (-0,21875)_{10}$$

$$(.5)_{10} = (-0,101|1)_{2} = (-0,21875)_{10}$$

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$$(.5)_{10} = (-0,101|1)_{2} = (-0,12875)_{10}$$

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