Arlene Sagainit CSC 17A Pue 12/17/21

> problem 6 (conversions)

a) 15.975,0 -> base 16

15 x 16° = 15

0.875×16=14

15.875,0 = 15.14,6 = F.E16

-> base 2

F. E.6 1111.1110. 17.78

4

b) 0.7,0

-> base 16

 $0.7 \times 16 = 11.2$ 

0.2 x 16 = 3.2

0.2 × 16= 3.2

=0.B 316

-> base 2

0.1011 0011 2

-> base g

0. 101 100 110 011 001 100 110 011 001 0. 5 4 6 3 1 4 6 3 1

= 0,546318

c)77.7910 >>> base 16

4 x 16 1 + 1346 = 40

77.49 = 4D. CA3D7016

-> base 2

0100 1101. 1100 1010 0011 1101 ... 2

a buse 8

1 15,62436

