a) .49.1875 49% 6= 3 R1 37.16=0 R3 0.1875×16=3.0 > 49.1875 to = 31.3 6 = 110001.00119 = 61.148 110001.0011x2° =0.1100010011×26 6 2 6 0 6) 3.07421875 3/16=0R3 0.07421875 < 16 = 1.1875 0.1875 x 16 = 3.0 3.07421875, = 3.1316 = 11.000100112 = 3.046x11.0001001/22 = 0.1100010011 x 22 

(0.2) 0.2 × 16=3.2 0.2 × 16=3.2 0.20 = 0.33 16  $=0.0011_2=0.001100110011=0.1100\times10^{-2}$ = 0.14638 6 [49.1875] TOOTITOI 1900 INTITITITITITION OF TO 124 COND 2nd earp [-3.67421875] 

FO. 21 01700110 01100110 01100110 17171 10011001/1001/1001/1001/1001/11/11/11/0 1007100117001100117001101011111110 9 9 9 9 9 A F E c) 69999902 >0.1101001 - 102 > 11.01001 2 = 3.4C16 316=3×16=310 0.4616 - 4 + 12 + 12 + 12 + 12 + 12 + 1. 64 15 - 3 - 0.3 > 699999902 = 11.01001, 3.40 16 = 3.3 1d

01101001 | 10011001 | 10010000001 | 
$$0.1001001 \times 2^3$$
  
 $0.1001001 \times 2^3$   
 $0.1001001 \times 2^3$   
 $0.6 = 6 \times 16^\circ = 6.9$ 

$$0.9_{16} = \frac{9}{16} + \frac{9}{16^{2}} + \frac{9}{16^{3}} + \frac{9}{16^{4}} + \frac{9}{16^{4}} + \frac{9}{16^{4}} + \frac{1}{16^{4}} + \frac{1}{16^{4}}$$

$$\Rightarrow$$
 (99999903 = 110.10012=6.9<sub>16</sub>=6.6<sub>10</sub>

Tool and indonomonal infillo OTTO TOOTTOO MOOT FOOT OF HOO OOOOO

$$0.46_{16} = \frac{10}{16} + \frac{6}{16^2} \left( 1 + \frac{1}{16^2} + \frac{1}{16} + \frac{1}{16^2} \right) = \frac{10}{16} + \frac{6}{16^2} \cdot \frac{16}{15} = 0.65$$

-> 966667FF