Arlene Sagacinit
10/20/21
CSC17A Lehr

## NASA format.

a) 49.1875,0

49,000 base 16

49/16 = 3.0 RI

= 3 x 16 1 1 x 16 = 4910= 3116

0.1875,07 base 14

0. 1875 X16=3.0

-3 0.314

49.187910 = 31.316

31.316 > base 2

0011 0001.00112

0011 0001.0011 > base 8

61.148

110001.00112

0.1100010011 x2

2 6 0 0 0 0 6

Bule to the Bully

1 110 1100 111

and the Maria

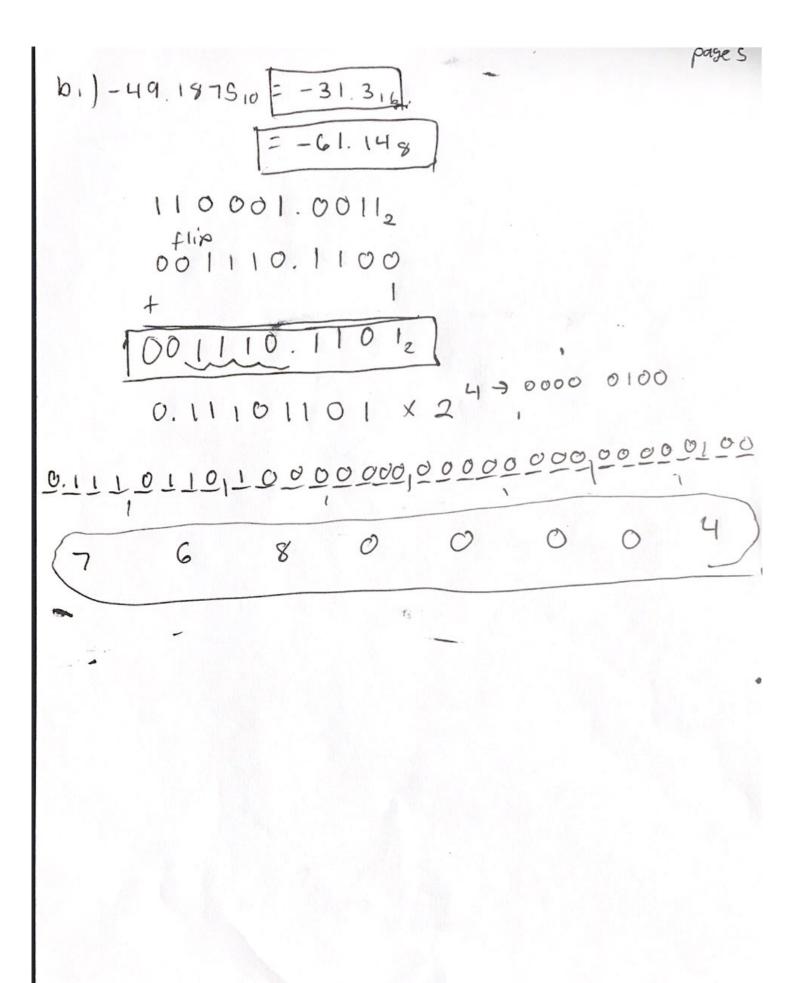
$$O(a)$$
 3.0742 \$87510  
 $O(a)$  3.0742 \$87510  
 $O(a)$  4 3 × 16° = 310 = 316  
 $O(a)$  4 2 187510 > base 16  
 $O(a)$  4 2 187510 × 16 = 1.1875  
 $O(a)$  5 × 16 = 3.0  
 $O(a)$  6 × 16 = 3.0  
 $O(a)$  6 × 16 = 3.0  
 $O(a)$  6 × 16 = 3.1316  
 $O(a)$  6 × 16 × 2  
 $O(a)$  6 × 6 × 8

0. 1100010011 x 2

6 2 6 0 0 0 0 2

0000.0011 0011 0011 0011 0011

0.1100110111001100110011001100110011100



$$b_2$$
) -3.07.42 1875,0 = -3.1316  
= -3.0468

page 6

11.00010011<sub>2</sub>

flip

00.11001100

+

1

0.11101101<sub>2</sub>

0.11101101×2

6,169999902 0.110 1001 1001 1001 1001 1001 0000 0010 11.0 1001 2 0011.0011001100110011001 3.2314631 3.23146 3. 4 C C C C C C

$$(3\times16^{\circ})$$
,  $(4\times16^{-1})$  +  $(12\times16^{-2})$  +  $(12\times16^{-3})$  -  $(3\times16^{\circ})$  +  $(3\times16^{\circ})$ 

(2) c 9999903 0.110 1001 1001 1001 1001 1001 0000 00\$1 0110.100) 1001 1001 1001 1001 1001 6.999999 [-6.916] 6.4631463<sub>8</sub> 6.46318

 $6 \times 16^{\circ} \cdot \left(9 \times 16^{-1}\right) + \left(9 \times 16^{-2}\right) + \left(9 + 16^{-3}\right) - \dots$   $6 \cdot \frac{\alpha}{16} + \frac{9}{16^{2}} + \frac{9}{16^{3}} \dots = 6 \cdot 89 \cdot 6 \cdot 6 \cdot 6$ 

page 10 (3) 966667 FF 1111 1111 1111 1110 0000 0001 72 1.001 0110 0110 ap 0110 0111 × 2-1 0.1001 0110 0110 0110 0110 0111 0-1001 0110 0110 0110 0110 0110 0001.0110 1001 0001 1001 1001 1001 1.0110100 1699 F1.6916/ 1. 3231463146 4. 3231468 1.6916 >6 ase 10 (1×16°). (6×16-1) 2 (9×16-2) + (9×16-3) - --1. 4125,0