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Lab 03 – Other Bases and Data

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1.

a) 10101111 = -47

b) 01010000 = -80

c) 01010001 = -81

2.

a) 0011 1011 0101 1101

b) 1100 0100 1010 0011

c) C 4 A 3

3.

a) 6 1 3 3

b) a 3

4.

a) -1.1010(20) x 2-2

b) -.01101 = -.40625

5.

a) 1.01101011 x 22

b) 0100 0000 1011 0101 1000 0000 0000 0000

6.

112 and 11.0(20)12

7.

a) 1.0000 x 26 with no truncation of 1 bits

b) 1.0000 x 25 with truncation