Guen: -26.05 -26.00=-11010.000011 0.05 × 2 = 0.1 0.1 ×2 =0.2 10.2 × 2 = 0.4 0.4x2 = 0.8 0.822 = 1.6 0-6×2= 1.2 0.0xx2 = Normalize: -1,10,0000011 -1.1010 000011 × 2 (100000011000) 10000011 exportent 001100110 4+127 = 131

-754 -> Normalized Gen 1) $(-1)^{9} * 1.011 \times 2^{1}$ Signi fraction expanent = +1.011 × Z (-1) = -1.0 x Z 1-127 3) $(-1)^0 + 1.1001 \times 2$ -126 + 1.1001 x 2

Assume 2's complement for all signed integers when performing arithmetic operations. That +5: =7+(-3) = 90101 -3 + (-3) + (-3) + (-3)Pron ont. 000011 11700 -3- 11101

0 0 0 0 1 1 A D O O O 1 1 = 1110] 00011

101) 0100 sign latensin

2001 +13 2001 -5 2000 = 48

5-ht 2's comp -16 to +15 Range: +15 (1)0000 +16 1/2 Negature overflow 1000 -15 11770 X 0 1 1 1 -17 throni