-	new 'fractional' place values for the fractional part of the number.
	8 4 2 1 1/2 1/4 1/8 1/16
	This binary number therefore represents the denary number 8.375. This is because after the decimal point, the binary number value is 1/4 + 1/8 = 0.375, which is a to the whole number part.
2.	Convert the following fixed point binary numbers into decimal (in each case 4 bits are given to the integer part and 4 bits to the fractional part of the number):
i	11001010 = 12.625
i	01111011 = 7.6875 11111111 = 15.9375
i i	00010001 = 1.0625
3.	Convert the following decimal values into fixed point binary (in each answer provide 4 bits to the integer part and 4 bits to the fractional part of the number):
i i	3.25 = 00110100
ì	5.5 = 01011000
Ì	7.1875 = 01110011 10.375 = 10100110
	Explain the issues of using this method to represent fractional values (think range and accuracy)
4.	The issue with using fixed point binary to represent fractional values in binary is that you have to compromise on range vs accuracy.
	• For example, if you decide to have all the bits of a bit representing integer values, it will provide you with a range of 0-255 integers, but no fractional value
	 be represented to increase accuracy of the number being represented. On the other hand, using 3 bits for the integer part will provide only a range of 0-7 but will enable a fair degree of accuracy with more bits given to the frac
1	part of the number.