(c) One of the colours used in the image has the hexadecimal colour code:

#FC238A

FC is the amount of red, 23 is the amount of green and 8A is the amount of blue in the colour.	
(i)	Convert the hexadecimal code FC into denary.
	[41]
	[1]
(ii)	The amount of green in binary is 00100011. This has the denary number 15 added to it to create a second colour.
	Add the denary number $15$ to the binary number $00100011$ and give your answer in binary.
	Perform the addition in binary. Show your working.
	Working
	Anguar (in hinary)
	Answer (in binary) [3]
(iii)	Hexadecimal 23 in two's complement representation is 00100011. The denary number 10 needs to be subtracted from this value.
	Subtract the denary number 10 from the two's complement representation 00100011.
	Give your answer in binary. Show your working.
	Working
	Answer (in binary)
	[2]