Name:		Section:	Andrew Id:	
	15-:	110 Fall 2018 (	Quiz 1	
* 15 minutes  * No calculators, no notes, no books, no computers.  * Show your work when possible!  * 100 pts total #1-6 are 15 pts each, #7 is 10 pts				
1.	Represent 14 as an 8-bit unsigned binary	y number		
2.	Represent the string 'C2b' to decimal nu Hint: here are some ascii values: 'A' is 65			
3.	What is the largest unsigned int that can	ı be represente	ed in 3 bits? Give your answer in base 10.	
4.	Show the work to compute 43 - 14 using	g 10's complem	nent	

5.	Show the work to compute 83 * 42 using lattice multiplication
6.	Show the 5 additions needed to compute 11 * 13 using Egyptian multiplication
7.	Say we saw this image from the Parity Card Trick website, after we set up the board properly and after a bit was flipped:
	Which bit was flipped, in (row, col) notation, where we start counting at 0 not 1 (so the top row is row 0, and the left column is col 0)?