CSE 484 In-class Worksheet #4 (Spring 2016) Name: UWNetID: Date: Email address: Partner names for this activity:	
Q1:	How many different permutations are there over 128-bits (for a 128-bit block cipher)?
Q2:	How many different keys are there, for a block cipher with 128-bit blocks and 256-bit keys?
Q3:	What security concerns do you see with the ECB block cipher mode?
Q4:	Draw the CBC mode decryption process.
Q5:	Why might you want to use CTR mode instead of CBC mode?
	What do you think it means for an encryption scheme to be secure? Said another way, properties must an encryption scheme have in order to be secure?