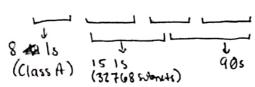
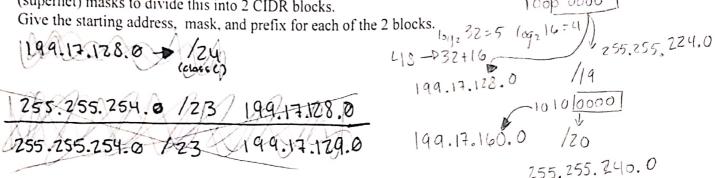
1. Assume you have a class A address. Construct the subnet mask to divide it into 32768 subnets. Give your answers in dotted decimal and the prefix notation.



255, 255, 254, 0 /23

2.WSU has a block of 48 Class C addresses starting at address 199.17.128.0 Construct subnet (supernet) masks to divide this into 2 CIDR blocks.



3. Divide WSU's addresses into 3 CIDR blocks.

199.17.128.0	255.755.757.0 /22	
199.17.1289.0	255.255.252.0 /22	
199.17.130.0	255.255.252.0 /22	,
199.17.131.0	unused	

4. In Watkins we use 2 class C addresses - 199.17.161.0 and 199.17.162.0 Can these be formed into a CIDR block? No because 161 is odd (0610100001). Can't stated of the address.