IP Homework

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Handwrite all your work. Circle the answer.

1. UTPAs network address is 129.113.0.0. Suppose we have four campuses and decided to create four subnets. What would be the UTPA created subnet?
2. Referring to question1, suppose one of the network address given to a device in a subnet is 129.113.120.77, calculate the first and last address of this subnet.
3. Suppose your received a class C address of 201.100.80.0, and you decided to further subnet it. You have 5 departments, so you need to have a minimum of 5 subnets. Please create a subnet mask for this network.
4. One of the addresses in a block is 167.199.170.82/27. Find the number of addresses in the network, the first address and last address.