

CMPT 371: Quiz (2)

Name:

Student Number:

(Q1-15 points) What is NAT? Why do we need it? What are the problems with NAT?

(Q2-5 points) We have a router that connects 3 subnets: A, B, and C. Suppose all of the interfaces in each of these three subnets are required to have the prefix 223.1.17/24. Also suppose A is required to support at least 60 interfaces, B is required to support at least 90 interfaces, and C is required to support at least 12 interfaces. Provide three network addresses that satisfy these constraints.

