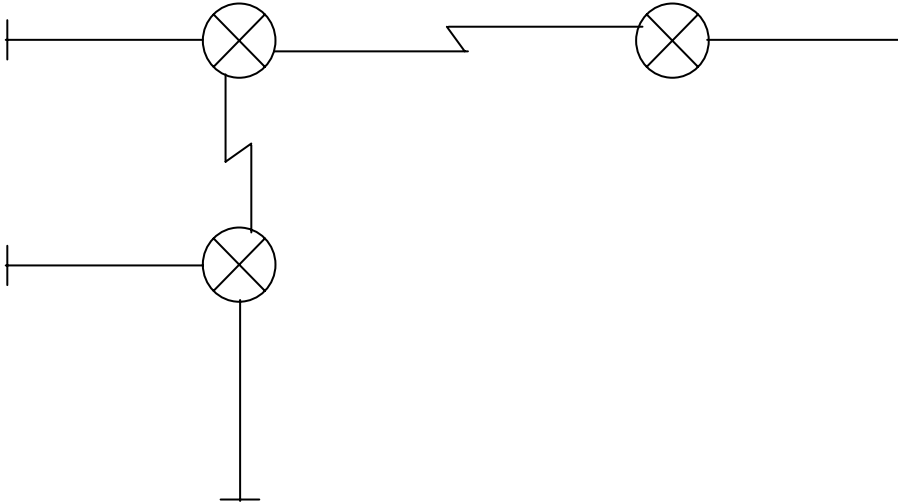


IP Addressing #2

1 Subnet the IP address 192.3.6.0 using the following information

- A) each LAN must have at least 12 users
- B) there must be 12 subnets created to address the topology



What class address is this? _____

What is the subnet mask? _____

How many subnets are needed? _____

What is the network address of subnet 12? _____

What is the broadcast address of subnet 12? _____

2 Given a network with 8190 usable subnets and the host IP address, 158.0.0.36, answer the following questions

A) How many bits have been borrowed? _____

B) What is the subnet mask? _____

C) What is the network ID for the subnet this address is a member of?

D) What is the network address of subnet 15? _____

E) What is the broadcast address of subnet 15? _____

F) How many networks have been created? _____

G) How many usable host are on each subnet? _____

H) What is the network address of subnet 2132? _____

I) What is the network address of subnet 5000? _____