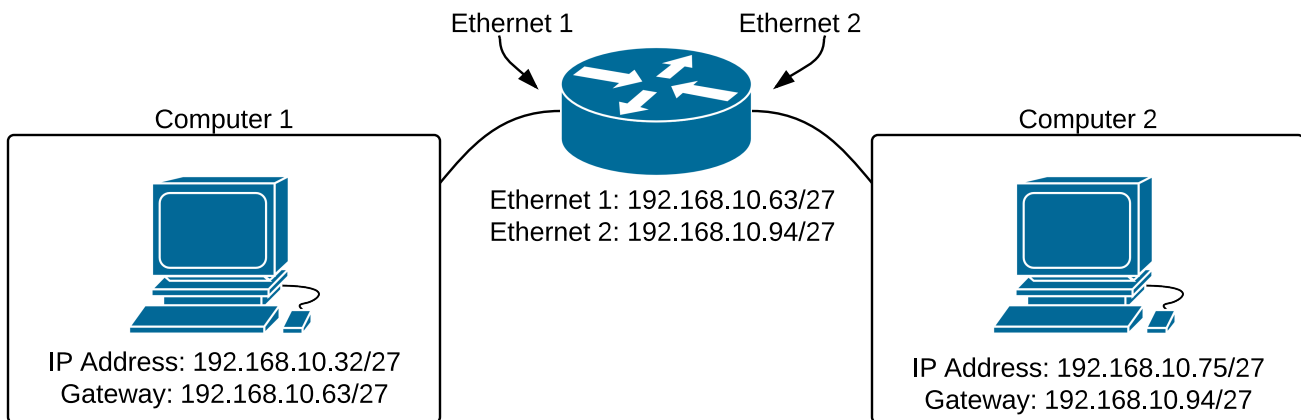


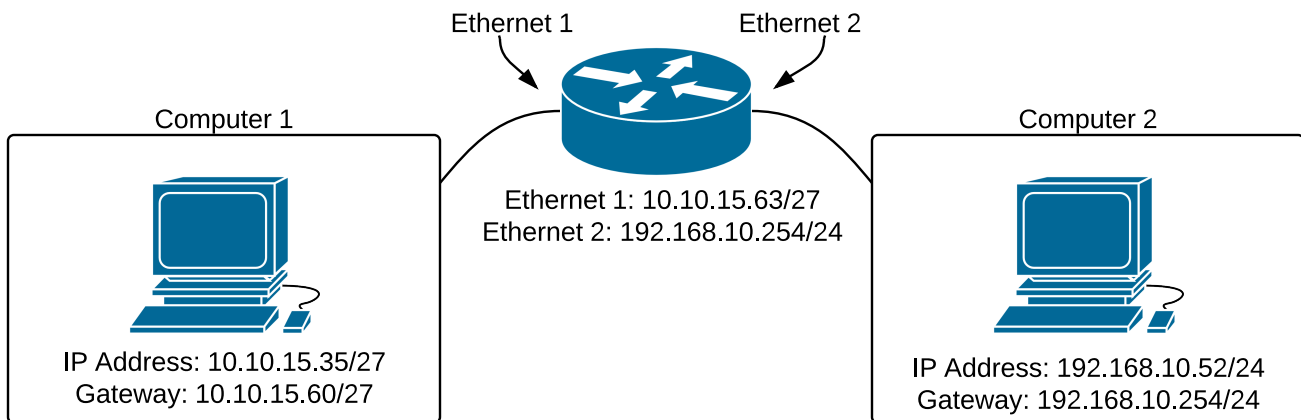
**Can these two computers talk to each other?**



**Answer**

**No - Computer 1's IP address is the same as the network ID for the network.**

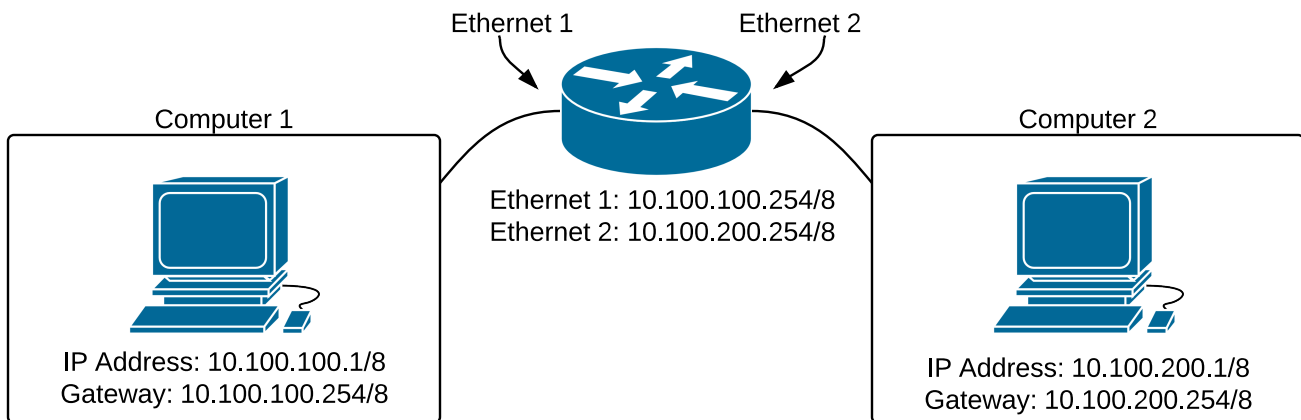
**Can these two computers talk to each other?**



**Answer**

**No - Computer 1's gateway address doesn't match the IP of Ethernet 1 on the router.**

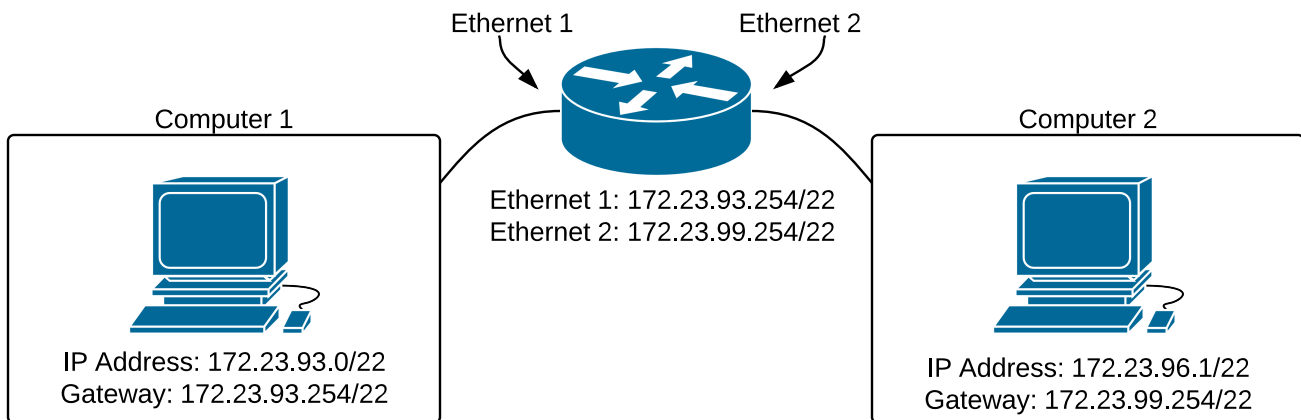
**Can these two computers talk to each other?**



**Answer**

**No - Based on the subnet mask both computer will think the destination is on the same network and never send data to the gateway address.**

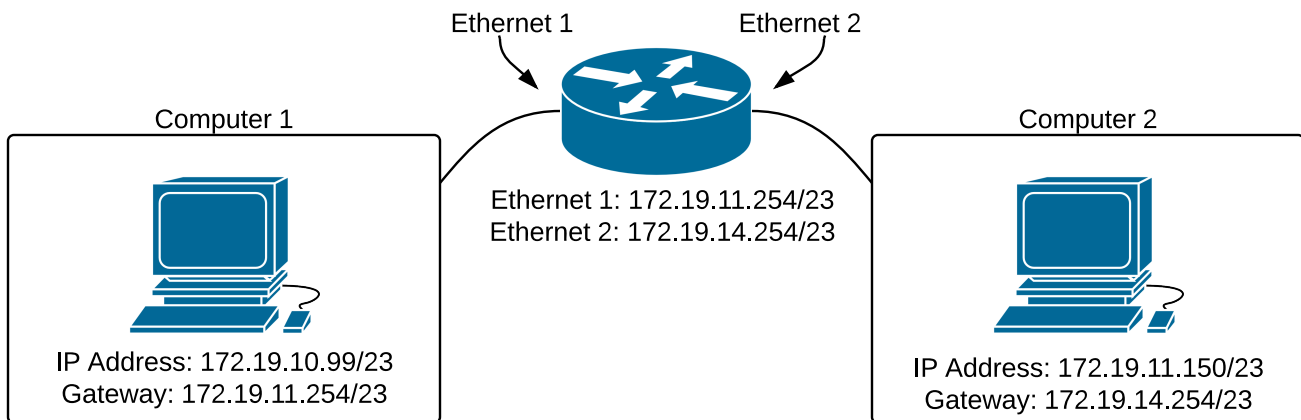
**Can these two computers talk to each other?**



**Answer**

**Yes**

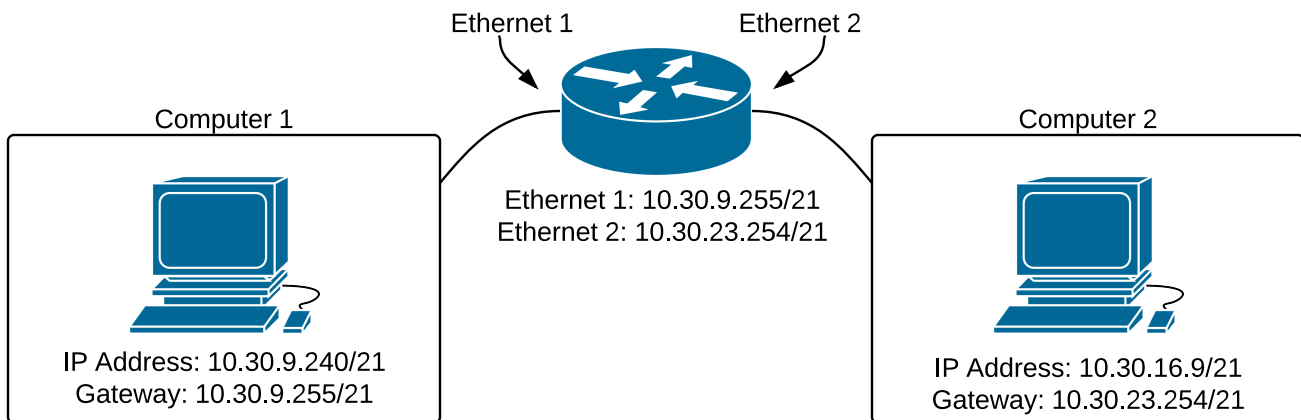
**Can these two computers talk to each other?**



**Answer**

**No - The IP address of computer 2 is not in the same network as the gateway / router.**

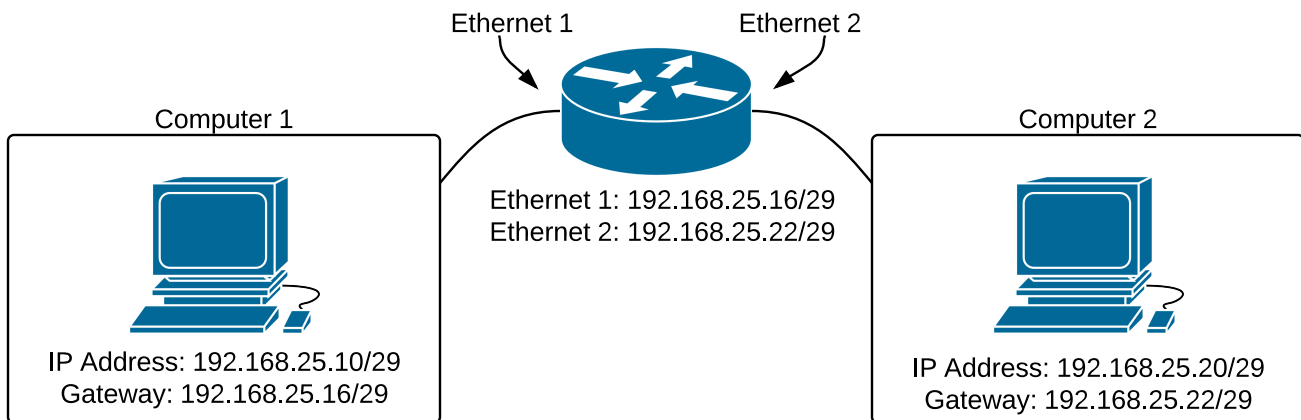
**Can these two computers talk to each other?**



**Answer**

**Yes**

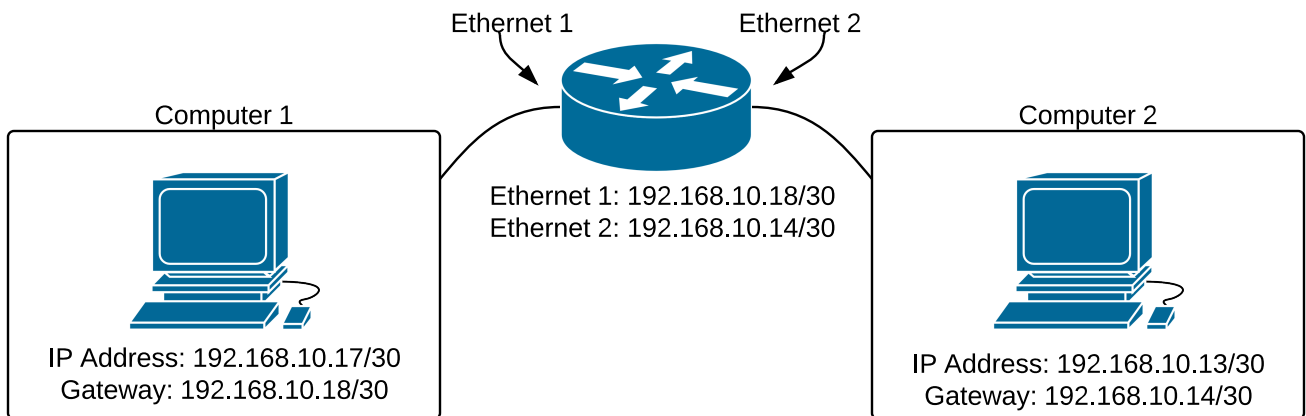
**Can these two computers talk to each other?**



**Answer**

**No - The gateway of computer 1 is outside the network.**

**Can these two computers talk to each other?**

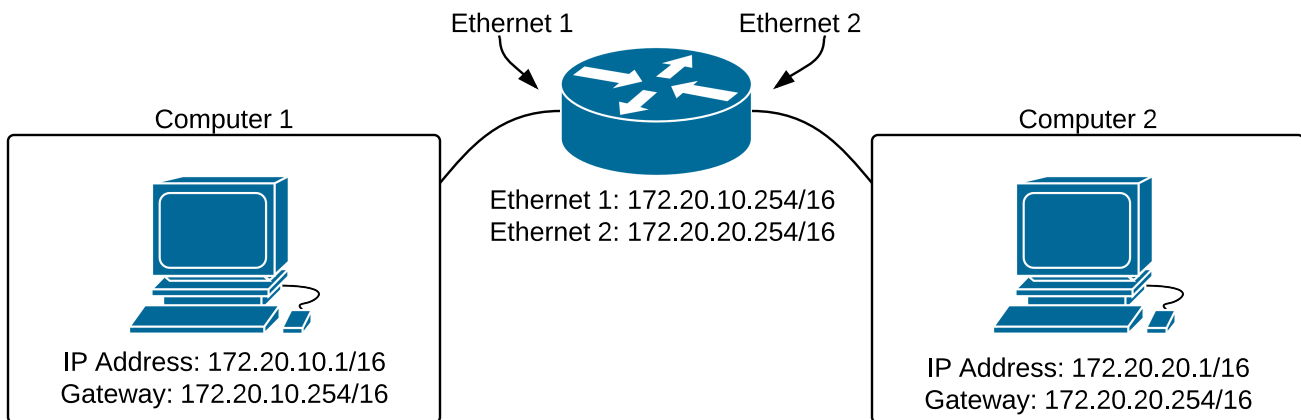


**Answer**

**Yes**



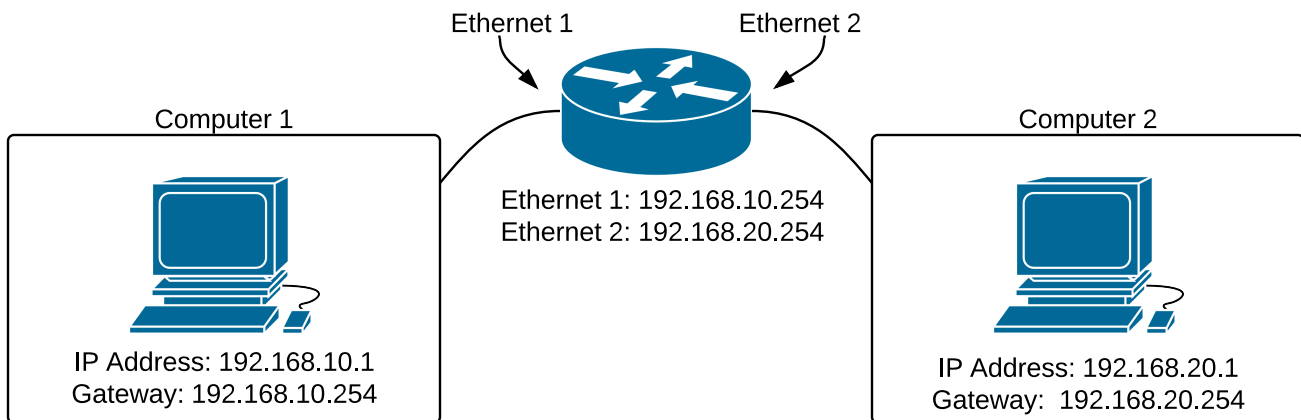
**Can these two computers talk to each other?**



**Answer**

**No - Based on the subnet mask both computers will think the destination is on the same network and never send data to the gateway address.**

**Can these two computers talk to each other?**



**Answer**

**Unknown - No subnet mask given.**