

## Review Questions 8

*Your Name:*

Please print out this form (two-sided, if you can) and write your answers *legibly* in the spaces provided. If you can't write legibly, type.

1. Run traceroute from a university-connected computer google.com, or some other well-known destination. Was there any thing unexpected about the result? Why do think this is?
2. Under what circumstances is the DHCP discover message required? In what common situation is it *not* required?

3. Consider the network on slide 14. Suppose we wanted to run a web server on the host with address 10.0.0.2. What would be an appropriate entry in the NAT table at the router? Suppose a remote host sent a packet intended for the web server? What would it use as the destination address and port number? What destination address and port number would the router substitute when forwarding the packet on the local network?