Name: _____ **Date:**_____

Northampton Community College
CISC271 – CCNA 3 & 4 – WANs and Security
Chapter 7 - Study Guide

1. Identify the necessary commands to configure DHCP on a router.

2. What is the DHCP process? At which point does the host get an address?

3. What are the benefits of NAT and PAT?

4. What are the differences between NAT and PAT?

5. What type of NAT would you use for DMZ servers?

6. Identify the following:
    a. Inside Global Address

    b. Inside Local Address

    c. Outside Local Address

    d. Outside Global Address

7. How is an access list used with NAT?

8. How long do NAT entries stay cached in memory?

9. What is IPv6? How many bits is IPv6?

10. What techniques can be used to allow IPv6 to communicate over IPv4?

11. How do you enable IPv6 routing?

12. Identify the commands to configure NAT.

13. What is an IPv6 eui-64 configuration?

14. Given the address 2001:1234:fd45::/48, how many bits are available to create subnets?

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