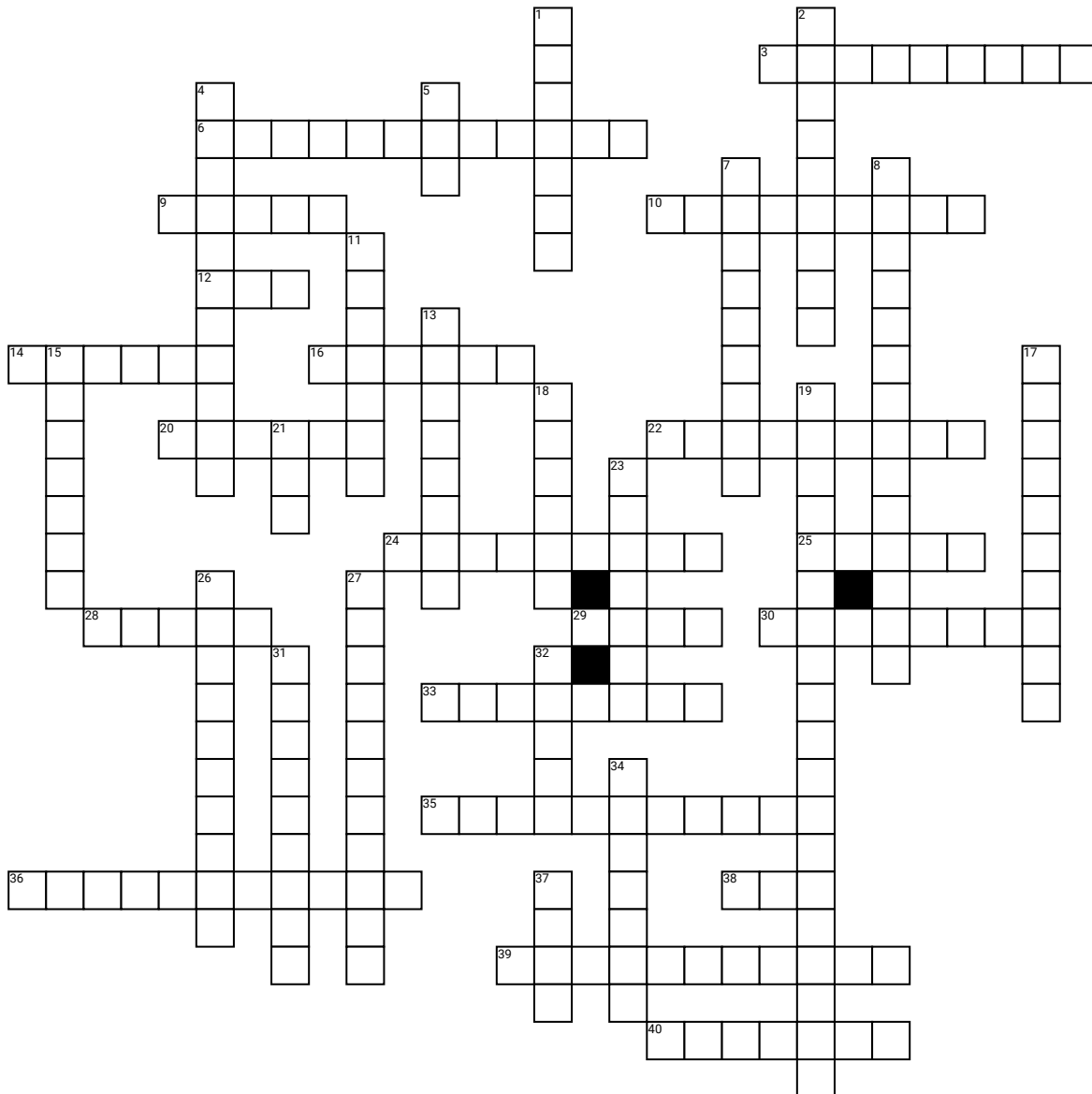


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Chapter 7



## Across

3. An IPv6 multicast address is used to send a single IPv6 packet to multiple destinations.
6. What is a layer of the OSI model map to the application layer of the TCP/IP model that starts with letter P?
9. In which alternative to DHCPv6 does a router dynamically provide IPv6 configuration information to hosts?
10. Which technology is most often used to connect devices to a PAN?
12. Which laptop component makes use of throttling to reduce power consumption and heat?
14. What PDU is associated with the network layer of the OSI model?
16. Which network device makes forwarding decisions based on the destination MAC address that is contained in the frame?
20. What uses IP addresses to forward traffic from one network to other networks?
22. used to communicate with other devices on the same local link
24. Which network migration technique encapsulates IPv6 packets inside IPv4 packets to carry them over IPv4 network infrastructures?
25. Automatic Private IP Addressing addresses known as the abbreviation...?
28. What is used by Cisco routers to exchange routing information between routers?

29. There are three types of IPv6 addresses what do they all end with
30. What type of devices are typically assigned static IP addresses
33. Which laptop component converts DC power to AC power?
35. allows IPv6-enabled devices to communicate with IPv4-enabled devices using a translation technique
36. An ICMP Echo Message can be used to determine if a host is what?
38. IPv6 uses what field to determine if the packet has expired
39. This part of the address is the equivalent to the host portion of an IPv4.
40. What is a layer of the OSI model map to the application layer of the TCP/IP model that starts with S?

## Down

1. The router cannot forward an IPv6 packet because the packet has done what?
2. allows IPv4 and IPv6 to coexist on the same network segmen
4. What is a layer of the OSI model map to the application layer of the TCP/IP model that stats with letter A?
5. What is the abbreviation for round trip time
7. The method of transporting an IPv6 packet over an IPv4 network
8. What is the goal of the native IPv6

11. Which layer of the OSI model is responsible for logical addressing and routing?
13. A stateful DHCPv6 server allocates and maintains a list of which device receives which IPv6 address. DHCP for IPv4 is what?
15. An IPv6 anycast address is any IPv6 unicast address that can be assigned to multiple devices
17. RIRs are responsible for allocating what?
18. IPv6-enabled devices on the same link and only on that link called what term?
19. This network portion of the address is assigned by the provider.
21. Time Exceeded message is used by a router to indicate that a packet cannot be forwarded because of the packet was decremented to 0?
23. An IPv6 unicast address uniquely identifies an interface on an IPv6-enabled device
26. What can use to test the path of hops?
27. An IPv6 link-local address enables a device to do what?
31. Which technology will allow a mobile device to share an internet connection with other devices via tethering
32. How many devices can a Bluetooth device connect to simultaneously?
34. The RFC divided the unicast ranges into specific groups called what?
37. What command for IPv6 is identical to the command used with IPv4