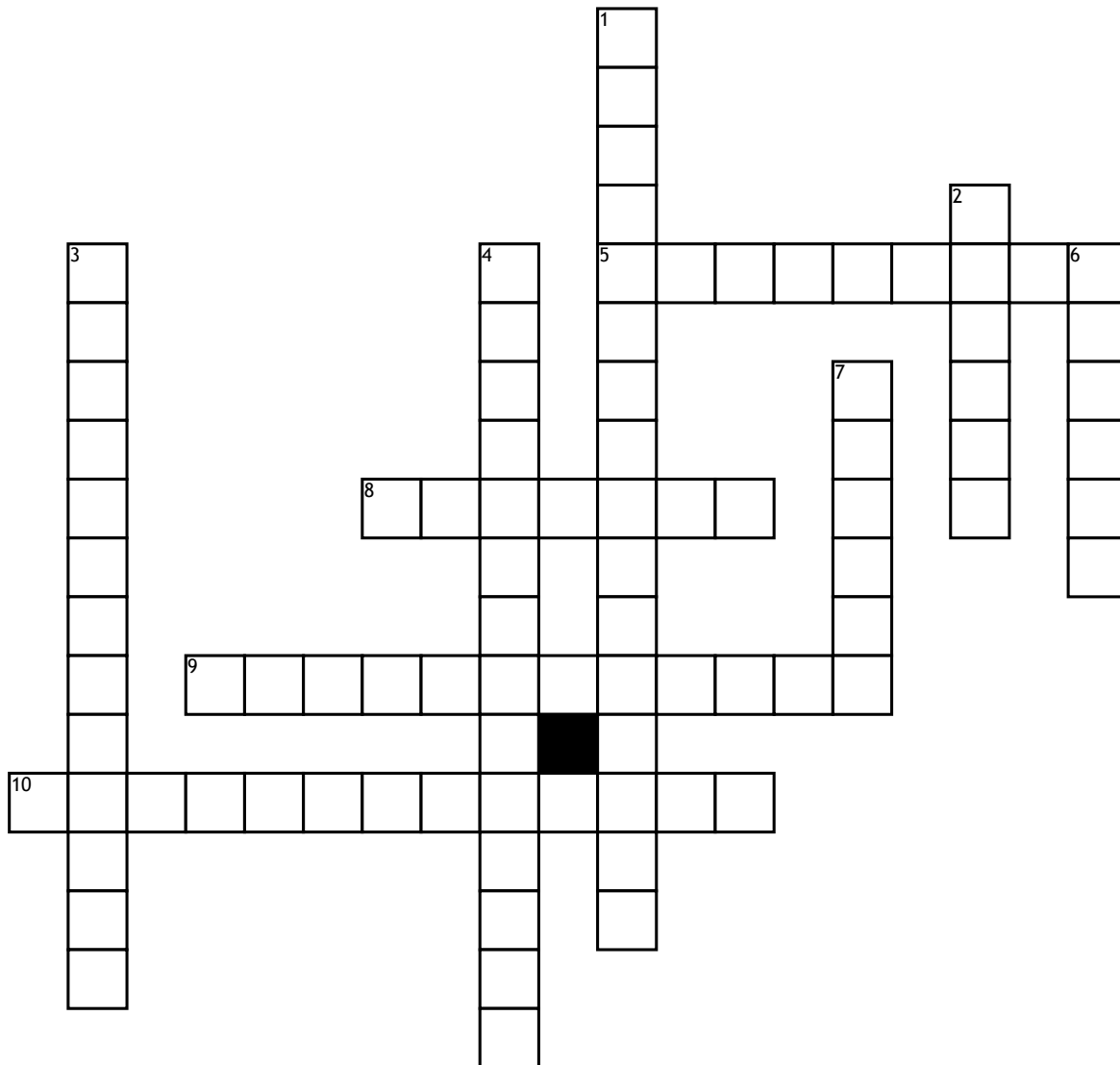


Name: \_\_\_\_\_

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

# LAN



## Across

- 5.** A numerical label assigned to each device connected to a computer network so that it can communicate on the Internet.
- 8.** Determines which data packets belong to which files and their destination.
- 9.** Transmits data segments between networks in the form of packets.
- 10.** Allows the upper network layers to access media and controls how data is placed and received from media.

## Down

- 1.** Maintains a directory of domain names and translates them to IP addresses.

- 2.** Contains instructions about the data carried by the packet.

- 3.** Converts the binary from the upper layers into signals and transmits them over local media.

- 4.** Defines the rules computers must follow in order to communicate with each other over internet.

- 6.** Connects nodes in a star topology.

- 7.** Connects different networks that use the same protocols. Boosts signals and uses nodes' IP addresses to determine the best path for data packets to travel.