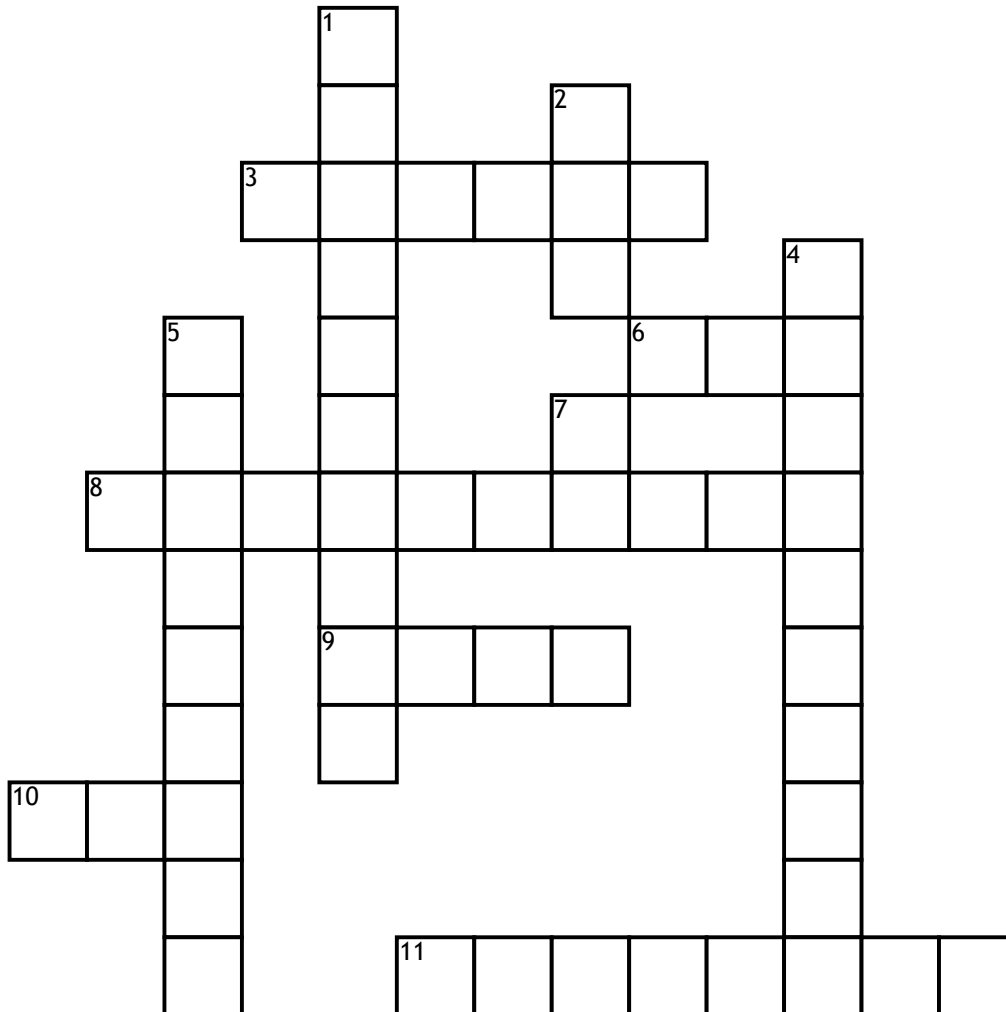


Name: _____

Date: _____

Networks



Across

- 3.** TCP provides an error free transmission between two routers. IP routes packets across a wide area network
- 6.** Large geographic area. Infrastructure is hired from telecommunication companies who own and manage it. Connected with telephone lines, fibre optic cables or satellite links
- 8.** All computers are equal. Computers serve their own files to each other. Each computer is responsible for its own security and backup. Computers usually have their own printer
- 9.** Computers connected to a central switch. If one computer fails no others are affected. If the switch fails all connections are affected
- 10.** Small geographic area. All the hardware is owned by the organisation using it.
- 11.** A standard for networking local area networks using protocols

Down

- 1.** A unique identifier assigned to network interfaces for communications at the data link layer of a network segment
- 2.** A computer hardware component that connects a computer to a computer network
- 4.** Encoding readable data called plaintext into unreadable data called ciphertext. Only the intended recipient can decode the data using a key. Protects communications from hackers
- 5.** The number of occurrences of a repeating event per unit of time. Data is set on a specific frequency over a WiFi connection
- 7.** A unique string of numbers separated by full stops that identifies each computer using the Internet Protocol to communicate over a network