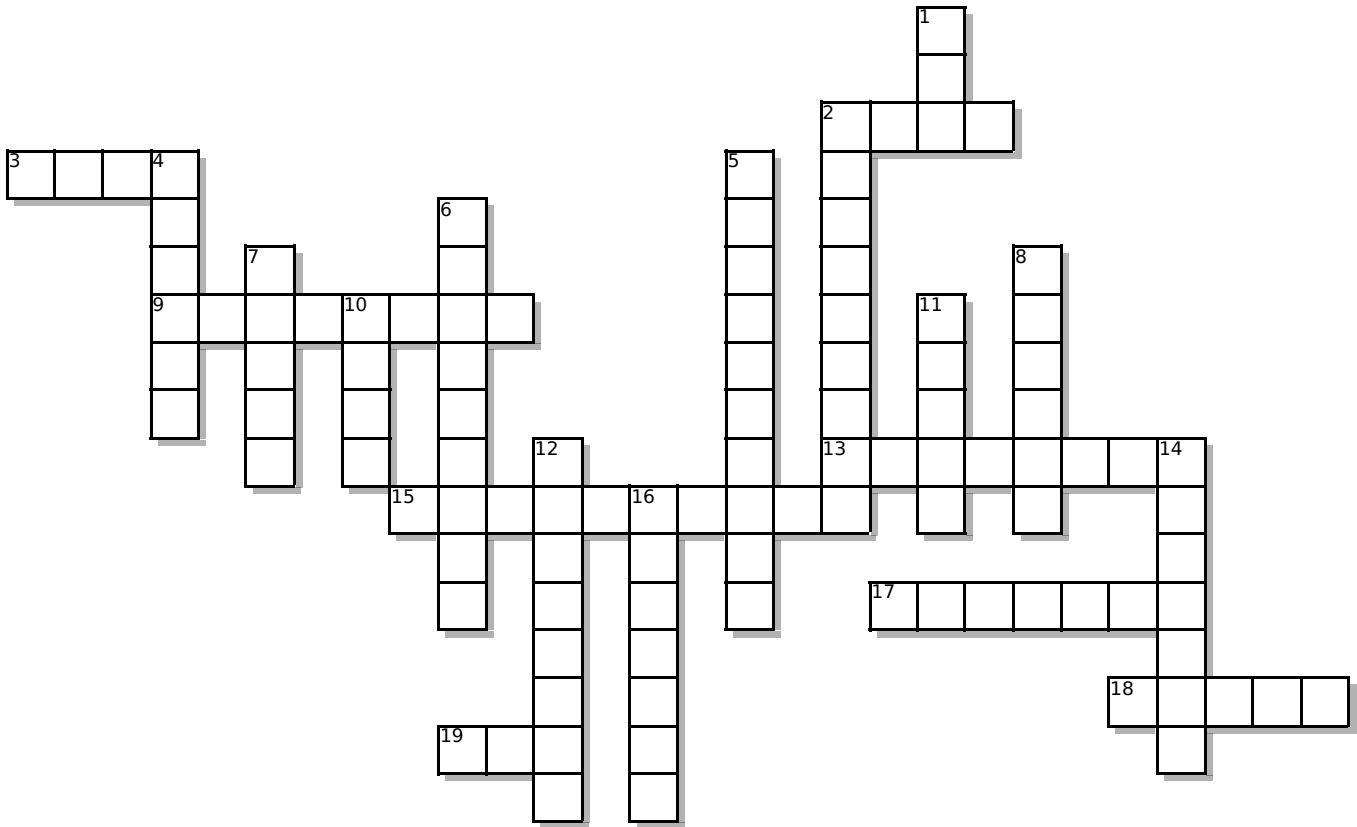


Name \_\_\_\_\_

# Networking (continued)

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## ACROSS

- 2 IoT devices are usually incorporated into this type of network architecture
- 3 IP addresses are assigned using this process
- 9 127.0.0.1, referencing a device's own TCP/IP stack, is commonly known as this
- 13 RJ45 refers to this kind of network cable
- 15 Every network device has a unique one of these
- 17 Most networks fall into one of three of these
- 18 a complete cycle (up/down, on/off, open/closed)
- 19 A network topology that exists within a quarter-mile radius (as defined in class, anyway)

## DOWN

- 1 A single-line network architecture; cheap and easy to set up, but slow and error-prone
- 2 A MODEM does this to a transmission

when it converts a machine's signal to one which can be carried over a phone line

- 4 A sine wave represents this kind of signal
- 5 This type of network has no central server, and creates an ephemeral connection
- 6 This type of signal needs to hit a target or it will be lost
- 7 Who owns the Internet? (Hint: Not Al Gore)
- 8 These don't sit in the middle of a cell, they sit at the intersection of cells (and can be disguised)
- 10 The number of signal changes a transmission channel can accommodate over a given time
- 11 Fiber optic connections carry data using this
- 12 The major communication trunks, often fiber optic, that connect various parts of the world
- 14 RJ11 and RJ45 contain pairs of wires that are this
- 16 A discrete fluctuation between, say, +12 volts and -12 volts would indicate this type of signal

# Networking (continued)

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