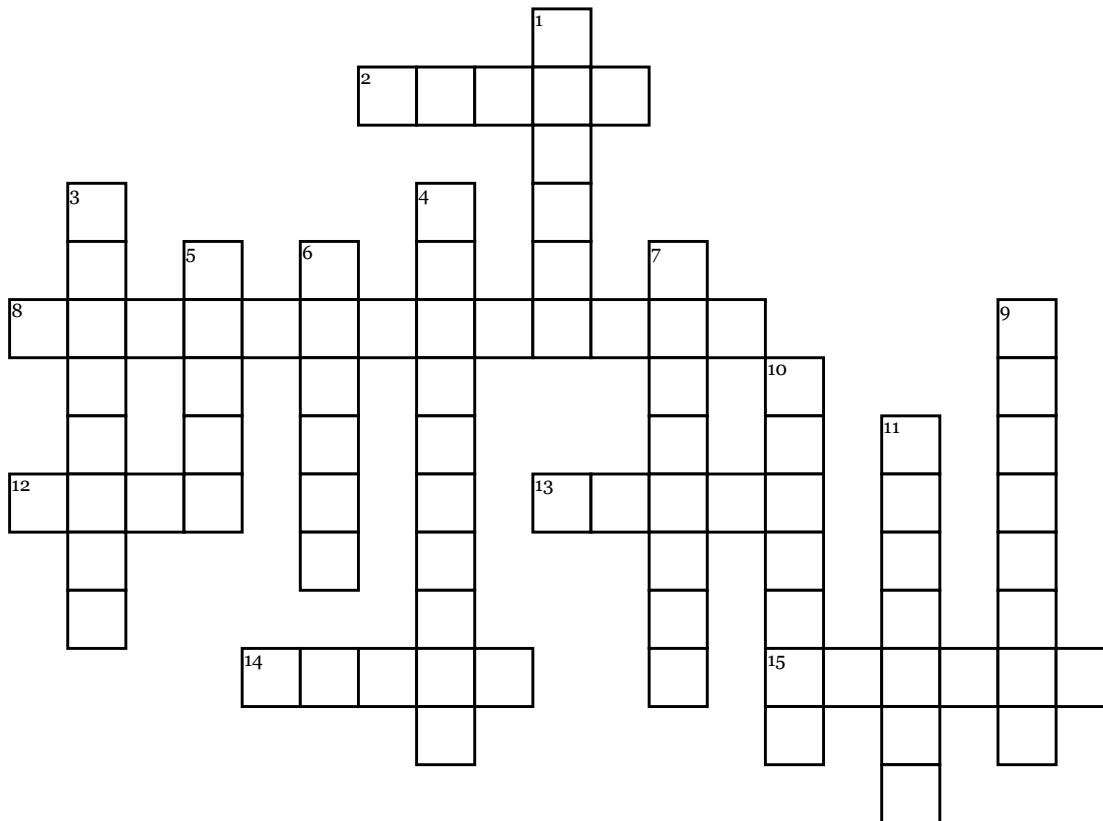


Pauls Crossword Puzzle



Across

- 2.** In the Universal Systems Model, resources such as energy, information, materials, money, people, time and tools.
- 8.** Control of a machine or apparatus from a distance by means of signals transmitted from a radio or electronic device.
- 12.** Input/Output lines used to connect a microcontroller to the outside world.
- 13.** An automatic device that uses error-sensing negative feedback to correct the action of a mechanism.
- 14.** A machine, especially one powered by electricity or internal combustion, that supplies motive power for a vehicle or for some other device with moving parts.
- 15.** A device for making and breaking the connection in an electric circuit.

Down

- 1.** The result of the process in the Universal Systems Model.
- 3.** In the Universal Systems Model, this system has no way of adjusting to changing conditions because it doesn't use FEEDBACK.
- 4.** In the Universal Systems Model, systems can change under different conditions using FEEDBACK.
- 5.** Computer-controlled machines designed to perform specific manual TASKS
- 6.** A device that enables digital machines to monitor physical quantity of the analog world, such as temperature, to provide feedback and data used in robotics and other applications.

- 7.** The property of having poles or being polar. Batteries have positive (+) and negative (-) poles
- 9.** The complete path followed by a signal as it is fed back from the output of a circuit, device, or system to the input and then back to the output.
- 10.** The element of the Universal Systems Model where the action or creation happens.
- 11.** Open-source electronic prototyping platform enabling users to create interactive electronic objects.