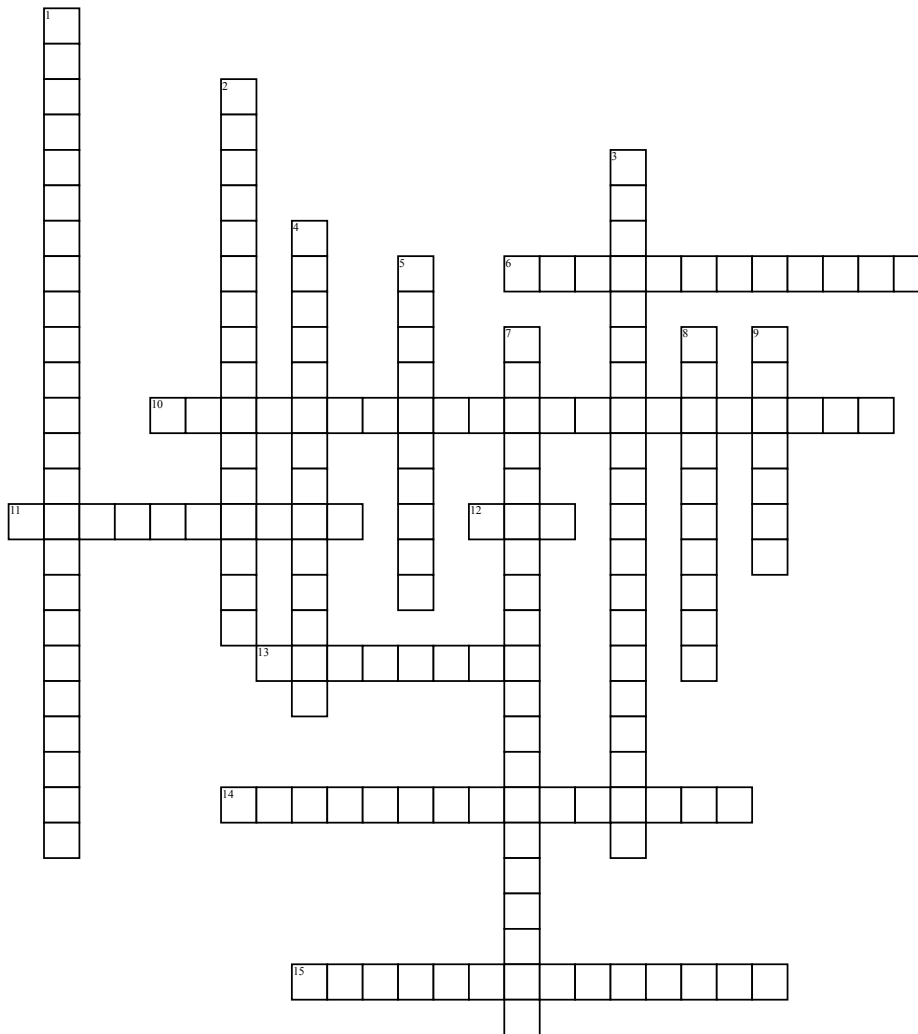


manufacturing words



Across

- 6. A series of workers and machines in a factory by which a succession of identical items is progressively assembled.
- 10. Technologies that build 3D objects by adding layer-upon-layer of material Ex. 3D printing
- 11. A mechanical device that functions automatically without continuous input from an operator
- 12. Computer Numerical Control Use of computers to control machines
- 13. Use of computer-controlled machines to perform specific manual tasks, especially on an assembly line

14. A small quantity of the product is made. Production is flexible. Ex. Ice Cream

15. Large number of a product made, usually on an assembly line.

Down

- 1. Process where objects are constructed based on removal from a solid block of material. Ex. CNC milling
- 2. Very specific products that are made to order. Very expensive form of production.
- 3. Components that are identical so that they will fit into any assembly of the same type

4. A system for verifying and maintaining a desired level of quality in a product

5. Metal not containing iron. Used for their low weight, higher conductivity, non-magnetic properties, or resistance to corrosion. Ex. Aluminum, copper, or brass

7. A single product produced in a continuous flow. Runs 24/7

8. A process whose limited capacity reduces the capacity of the whole manufacturing process

9. Metal containing iron. Magnetic. Ex. Steel

Word Bank

- Ferrous
- Additive Manufacturing
- Quality Control
- Robotics
- Interchangeable Parts

- Custom Production
- Assembly Line
- Bottleneck
- Non-Ferrous
- CNC

- Automation
- Batch Production
- Continuous Production
- Mass Production
- Subtractive Manufacturing