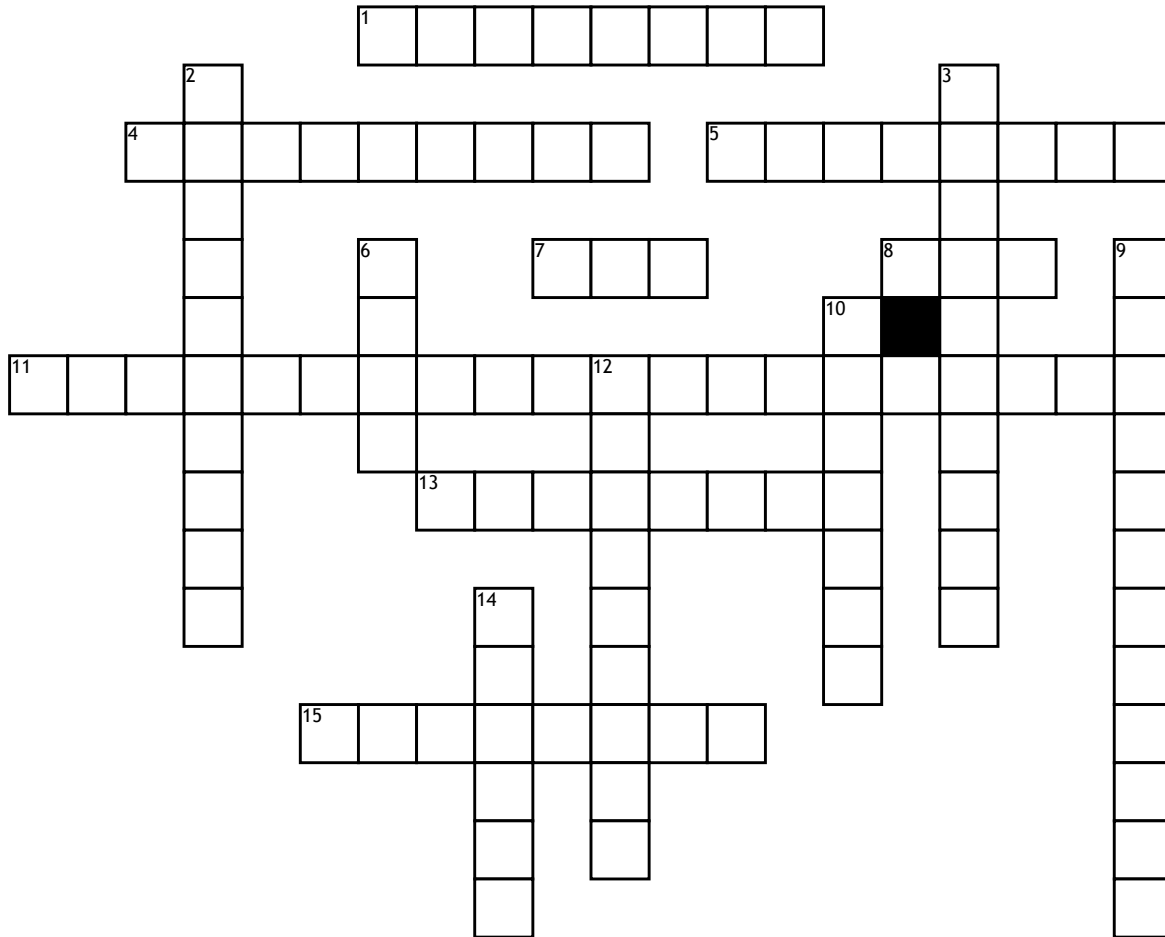


manufacturing skills



Across

1. Hard and durable wood
 4. Joining pieces of material together
 5. Placing flat sheet material into a stamping press where a tool and die presses the material into a new shape
 7. Computer Aided Design Software used to create technical drawings
 8. Computer Numerical Control Use of computers to control machines
 11. Components that are identical so that they will fit into any assembly of the same type.

13. Soft and workable wood

15. Use of computer-controlled machines to perform specific manual tasks, especially on an assembly line

Down

2. A process whose limited capacity reduces the capacity of the whole manufacturing process
 3. An unrestricted market with free access and competition of buyers and sellers. No tariffs, taxes, or other regulations.
 6. Occupational Safety and Health Administration. US government agency that ensures safe and healthful working conditions for all people.

9. A series of workers and machines in a factory by which a succession of identical items is progressively assembled.

10. A joining process that melts the base metal and adds a filler material which then cools and forms a strong joint

12. To shape a material by forcing it through a die

14. A financial gain, or the difference between the amount earned and the amount spent in producing something