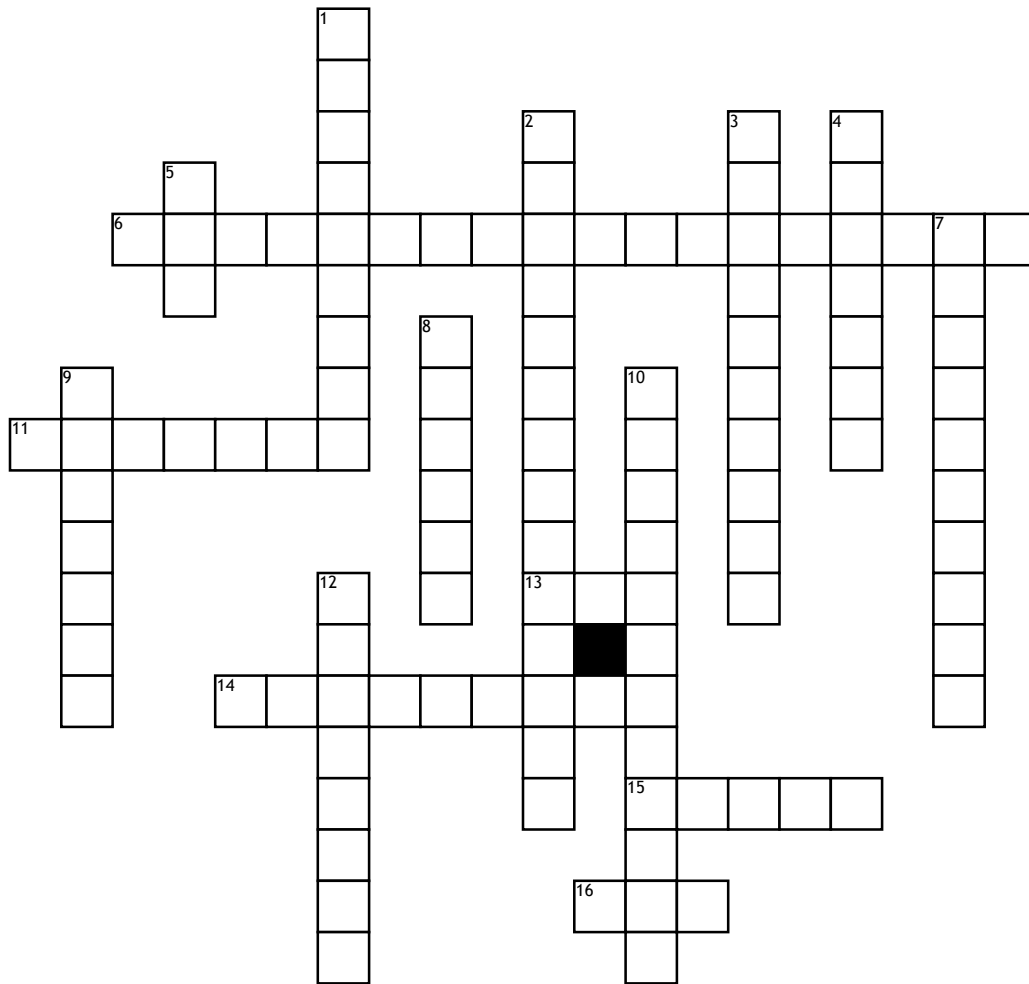


Name: _____

Date: _____

Manufacturing Puzzle



Across

- 6. Keep fingers 6 inches from moving blades
- 11. Using localized compressive forces to shape metal
- 13. Computer Aided Manufacturing The use of software to control machine tools in the manufacturing process
- 14. Specific, measurable abilities that you would need to qualify for a job Ex. Typing speed, math skills
- 15. Don't know Services performed by workers for wages
- 16. Computer Numerical Control Use of computers to control machines

Down

- 1. Don't know Joining pieces of material together Ex. Fastening, Gluing
- 2. Large number of a product made, usually on an assembly line.
- 3. Don't know A process whose limited capacity reduces the capacity of the whole manufacturing process
- 4. Metal containing iron. Magnetic. Ex. Steel
- 5. Computer Aided Design Software used to create technical drawings
- 7. Manufacturing a material in multiple layers, so that the composite material achieves improved strength

- 8. A financial gain, or the difference between the amount earned and the amount spent in producing something
- 9. A metal forming process in which metal stock is passed through one or more pairs of rolls to reduce the thickness and to make the thickness uniform
- 10. A series of workers and machines in a factory by which a succession of identical items is progressively assembled.
- 12. Objects made from clay (or other natural raw materials) hardened by heat. Classified as inorganic and nonmetallic. Ex. tile, brick, glass

Word Bank

- | | | | |
|-----------------|---------------|-----------------------|---------|
| bottleneck | assembly line | labor | profit |
| mass production | laminating | CAM | cnc |
| ceramics | cad | rolling | forging |
| hard skill | combining | margin of safety rule | ferrous |