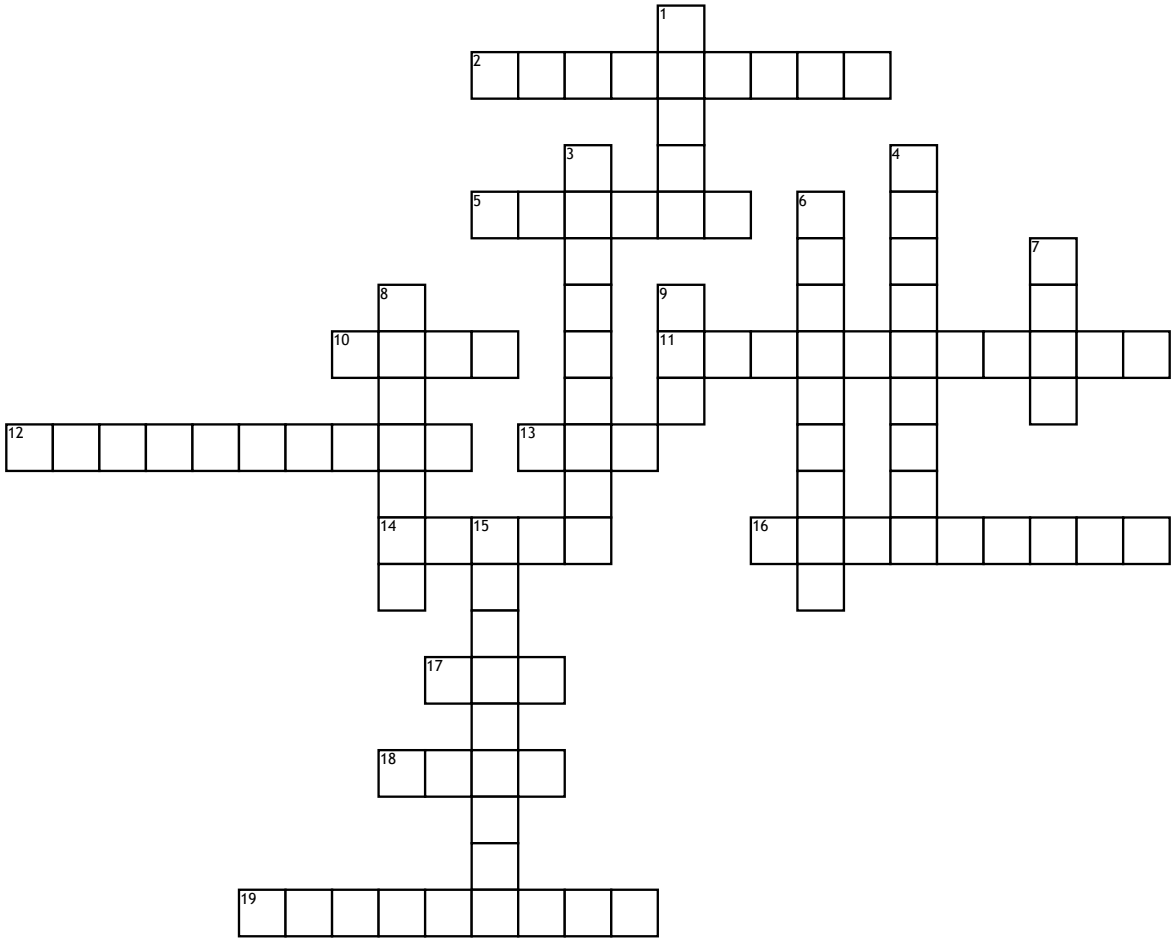
Name: _____ Date: _____

Wire Welding



Across

2. On a weld blueprint this is always the bottom side of the weld arrow

5. The clamp that must be attached to the work piece or metal table to complete the circuit of electricity

10. This regulates gas flow out of the whip

11. This is the amount of heat flow through your material to fuse the two pieces together

12. The distance between the work piece and the end of the wire

13. This is used to shield the bead from the atmosphere

14. The impurities of GMAW welding that come to the surface

16. The angle which you work your whip along the work piece

17. The added gas that accounts for 25% of the mixture

18. The direction you should angle your whip when welding GMAW

19. This is used to clean the spatter beads from the inside of the cone

Down

1. The gas used to shield the weld during GMAW

3. These should be checked before every welding session to monitor for leaks, cuts, or other problems to ensure safety.

4. A circle around the welding diagram intersection, that represents a weld that is in more than one spot.

6. The adjustment made to control the speed the wire flows out

7. Part of the welding blueprint that notes / call outs are placed about the welds

8. The adjustment made to adjust the amount of electricity flowing through

9. Gloves, Jacket, Safety Glasses, and Helmet are all necessary examples of?

15. The top of the blueprinted arrow that indicates where the weld should be placed