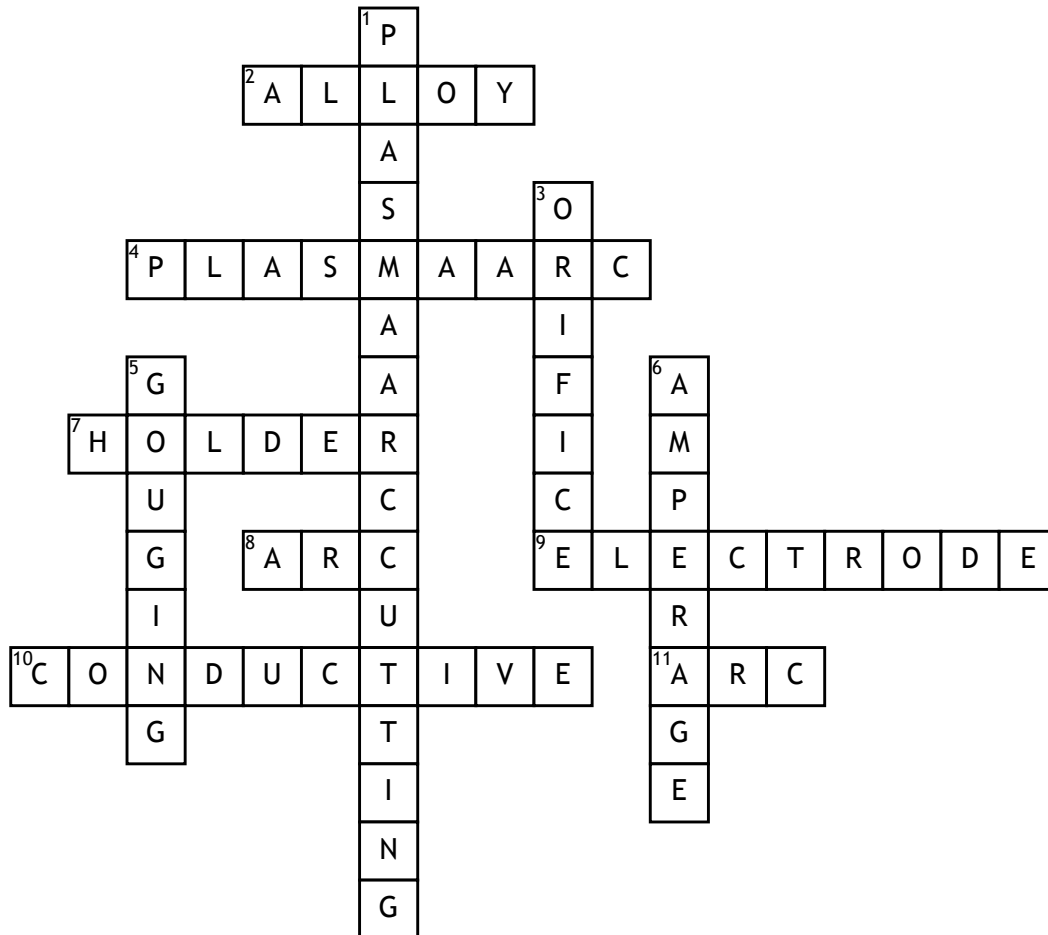


Name: _____

Date: _____

Plasma Arc Cutting



Across

2. metal which is created by combining two or more metallic elements
4. result of ionizing gas with an electrical current which can cut through most conductive alloys
7. filler metal through which current is conducted between the electrode
8. sustained luminous discharge of electricity across a gap in a circuit
9. and the arc
10. substance which transmits electrical charges

11. non-transferred arc which does not make contact with the base metal PILOT

Down

1. process of cutting metal by using a torch which blows gas out of a nozzle at a very high speed and temperature
3. hole at the end of a torch tip which allows the passage of gas supply or air
5. removal of an old weld or imperfections in the work piece
6. measures the flow of electricity; equivalent to current or heat