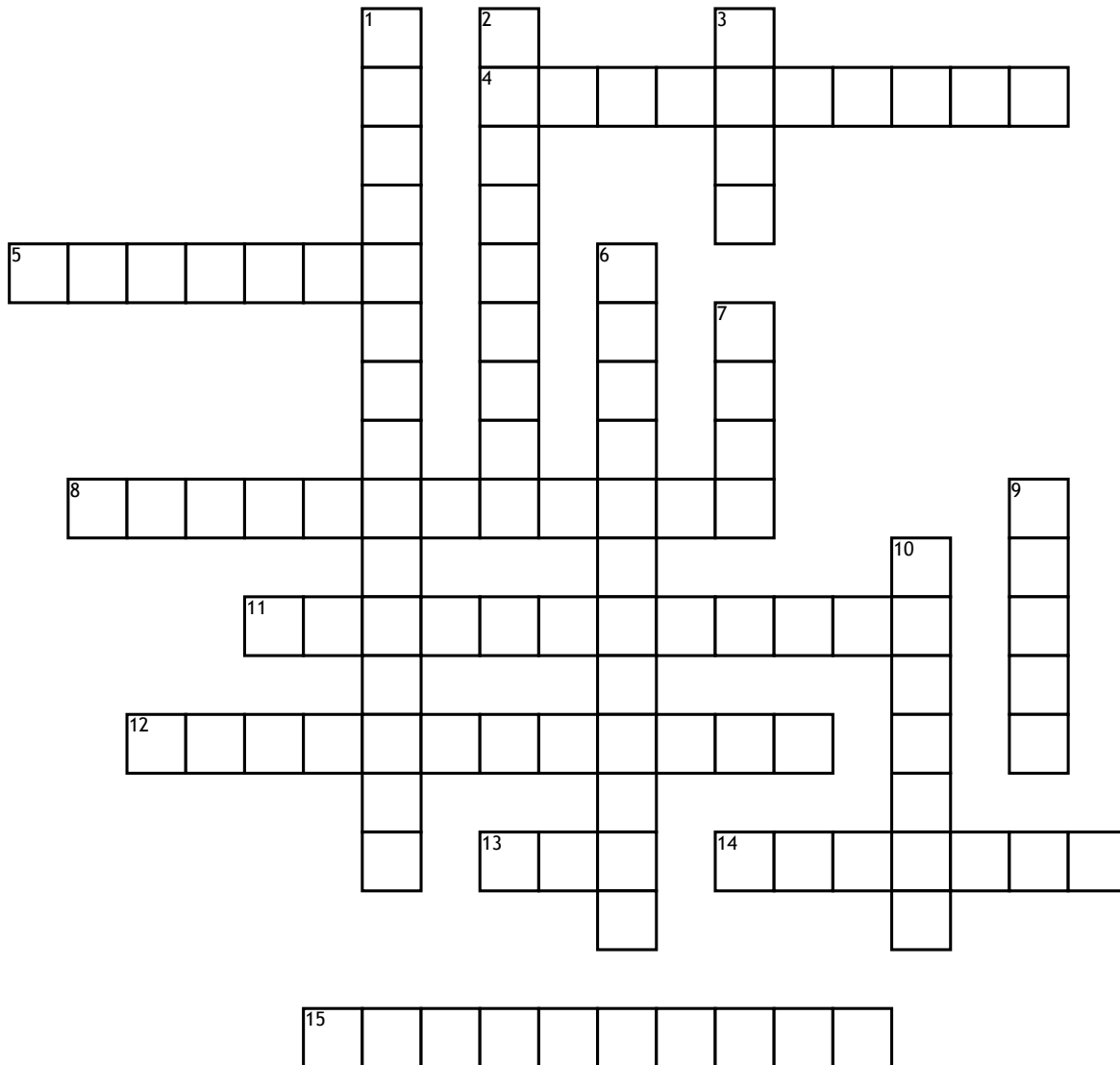


Welding words



Across

4. the voltage that runs along the welding arc.

5. safety equipment worn to protect the welder's eyes from harmful radiation while welding and cutting

8. a welding process where the filler metal is liquefied above 842 F and beneath the base metals' solid state.

11. the range of temperatures between solidus and liquidus.

12. the temperature that needs to be reached to allow metal to begin to liquefy

13. process that is used to join metal to metal by using electricity to create enough heat to melt metal,

14. flammable and unstable liquid that is used to dissolve and stabilize acetylene.

15. a welding process where a gas flame creates the welding heat.

Down

1. a welding process where pressure is used to make a weld.

2. the metal material that will be welded or cut

3. the joining of welding metal and base metal.

6. tool used for gas welding to control the flow of gases used.

7. stony waste matter separated from metals during the smelting or refining of ore. verb

9. mixture of one or more elements with at least one being a metal.

10. a pure form of iron that exists below the lowest critical temperature.