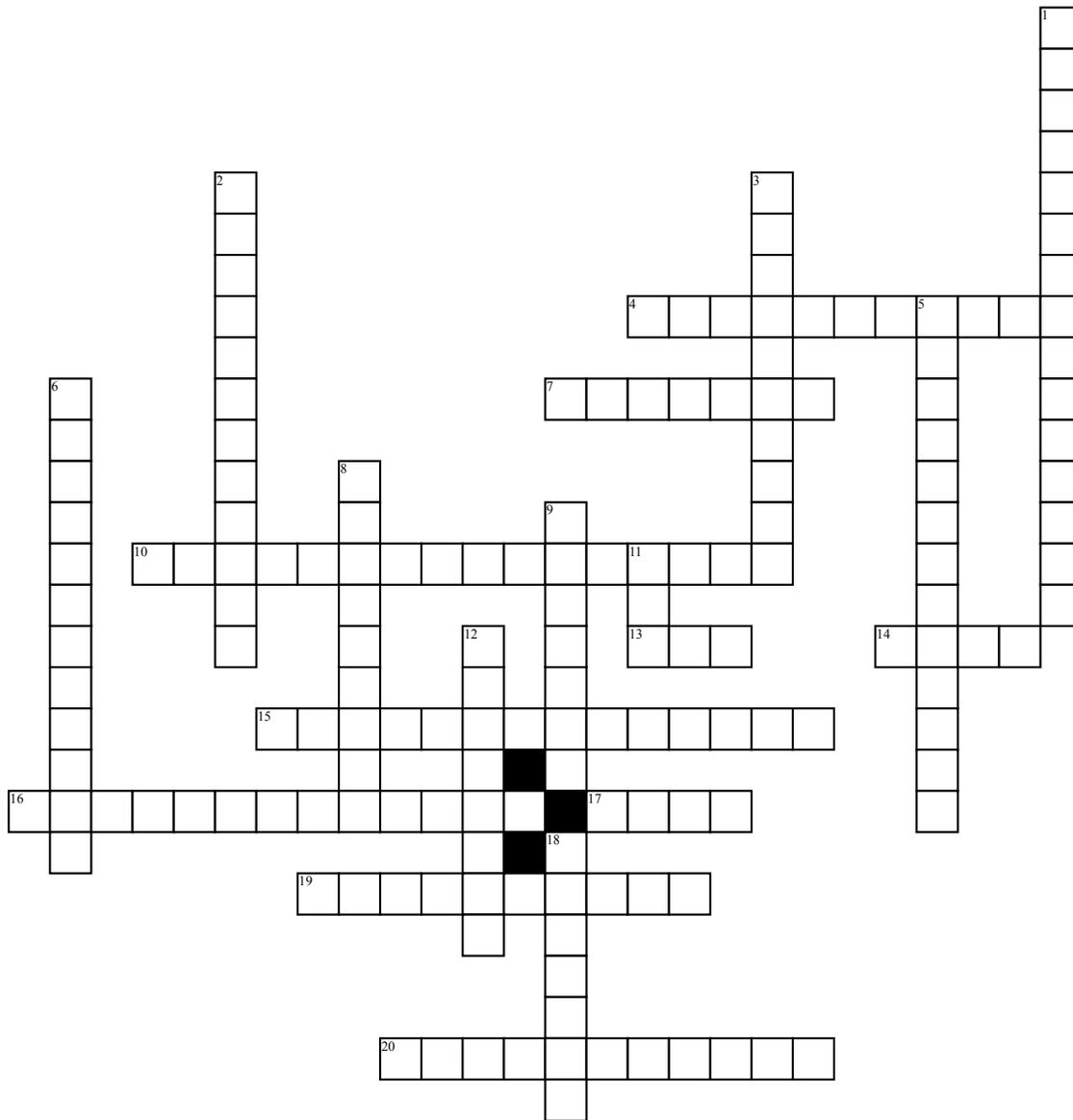


Welding/Cutting Crossword Puzzle



Across

4. Flow control regulators and conserving devices are pressure reducing devices designed to regulate or lower oxygen pressure from a cylinder to levels that can be safely used by the patient
 7. a piece cut off from something, especially what remains when something is being trimmed or prepared
 10. a gauge for measuring air pressure
 13. This goes on the tanks after your done with them
 14. Which way do you turn the oxygen handle?
 15. Turn on 1/4 turn only
 16. An acetylene storage vessel
 17. An arc welding process that melts and joins metals by heating them with an arc, between a covered metal electrode and the work

19. An oxygen storage vessel

20. Open all the way

Down

1. Determines the flow of oxygen into the hose
 2. A blowpipe by which metal is preheated with a flame and then oxidized rapidly and removed by a jet of oxygen issuing centrally through the preheating flame.
 3. green hose
 5. Notched hose
 6. Oxy-fuel welding (commonly called oxyacetylene welding, oxy welding, or gas welding in the U.S.) and oxy-fuel cutting are processes that use fuel gases and oxygen to weld and cut metals, respectively.
 8. a colorless pungent-smelling hydrocarbon gas, which burns with a bright flame, used in welding and formerly in lighting

9. join together (metal pieces or parts) by heating the surfaces to the point of melting using a blowtorch, electric arc, or other means, and uniting them by pressing, hammering, etc
 11. The physical gap between the end of the electrode and the base metal. The physical gap causes heat due to resistance of current flow and arc rays
 12. a solid or hollow body, object, or part having the shape of
 18. is a type of tool used to safely light ignitable fuels