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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Oxyacetylene Welding

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| **Across**  **2.** Turn valves \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to close.  **6.** Do not exceed this PSI using Acetylene  **7.** supplies gas from the regulator to the torch  **11.** Used to restrict amount of flow from tanks into the hoses  **15.** Color of oxygen hose  **17.** Used to protect a cylinder during transport  **18.** Color of acetylene hose  **19.** Shade of lens needed when oxyacetylene welding  **20.** Turn adjustable screws on regulators \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to increase pressure.  **21.** When fire enters the tip of your torch  **23.** Use a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to protect your arms and clothes.  **24.** Use these to clear a plugged nozzle | **Down**  **1.** You weld in this when oxyacetylene welding  **3.** Turn on \_\_\_\_\_\_\_\_\_\_\_\_\_\_first when lighting your torch.  **4.** Set oxygen to this PSI  **5.** Turn valve \_\_\_\_\_\_\_\_\_\_to open.  **8.** Melt in the event of a fire on acetylene tank  **9.** On oxygen tank valve to release pressure in an emergency  **10.** Use this to light your torch  **12.** Use this with water to check for connection leaks  **13.** Opens the tank  **14.** Oxyacetylene welding is mainly for \_\_\_\_\_\_\_\_\_metals.  **16.** Final piece on the torch  **22.** Set acetylene to this PSI when welding |