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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 |