



BLACKSMITHING



1. Describe the following tools and the use of each.

- a. Forge _____

- b. Anvil _____

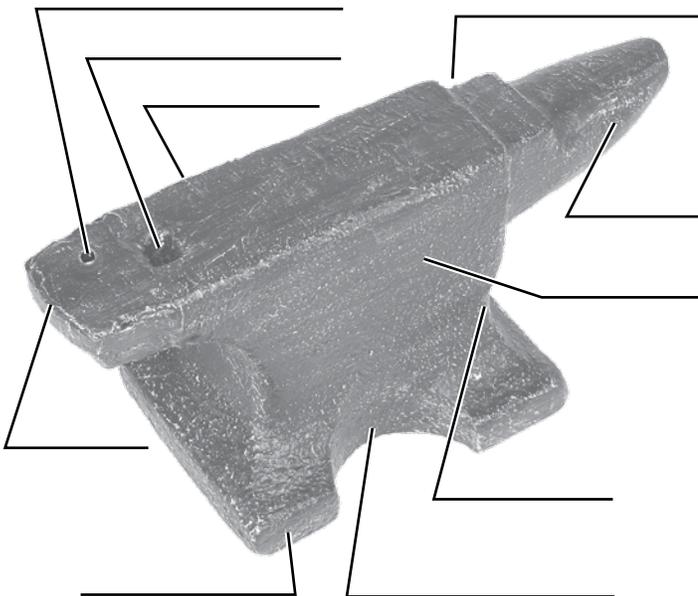
- c. Vise _____

- d. Tongs _____

- e. Hammer _____

DATE COMPLETED: _____ **PASSED BY:** _____

2. Identify the parts of the anvil.

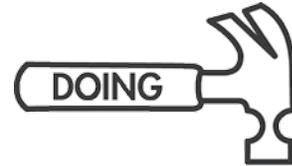


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3. List five items of safety equipment that a blacksmith needs to wear.

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

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WARNING: Working with hot metal can cause severe burns. Work only with adult supervision. Before doing any blacksmithing, be sure that you are wearing all the proper safety equipment.

- 1. Using at least 1/4" (6 mm) mild steel, perform these exercises.
 - a. Draw metal out to a taper.
 - b. Using the horn of the anvil, bend a circle.
 - c. Using the edge of the anvil, make a square corner.
 - d. Put a decorative twist in a square piece of metal.
 - e. Rivet two pieces of metal together.
- 2. Using at least 1/4" (6 mm) metal, make two projects. Together the projects must include at least four of the techniques you practiced in the above requirement. Preserve your projects from oxidation and rusting.

DATE COMPLETED: _____ **PASSED BY:** _____

MERIT BADGE APPROVED BY _____

MERIT BADGE COMPLETED ON _____

