

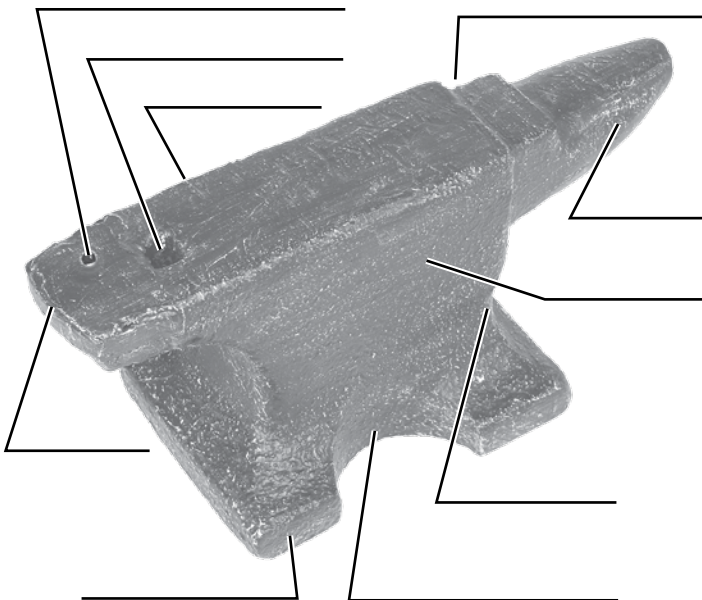


1. Describe the following tools and the use of each.

- Forge _____
- Anvil _____
- Vise _____
- Tongs _____
- Hammer _____

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2. Identify the parts of the anvil.



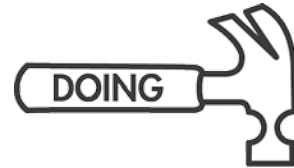
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SKILLS: CRAFTS: BLACKSMITHING

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

- _____
- _____
- _____
- _____
- _____

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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.

- Using at least 1/4" (6 mm) mild steel, perform these exercises.
 - Draw metal out to a taper.
 - Using the horn of the anvil, bend a circle.
 - Using the edge of the anvil, make a square corner.
 - Put a decorative twist in a square piece of metal.
 - Rivet two pieces of metal together.
- 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 _____

