



1.	Describe	the f	ollowing	tools	and	the	use of	each.

a.	rorge	 	 	 
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b.	Anvil	

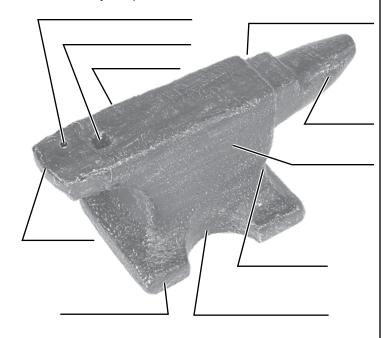
C.	Vise	
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d. <sup>-</sup>	Tongs	
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e.	Hammer			

## 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.	
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c.	
d.	
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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 ¼" (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.
- Using at least ¼" (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.

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