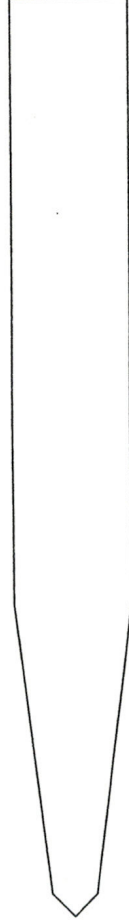
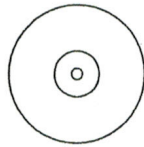
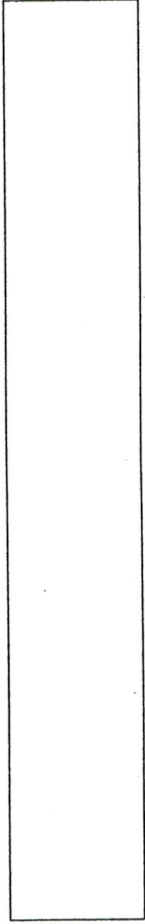
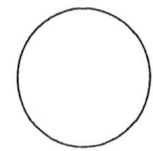


CENTER PUNCH FORGE PROJECT

NAME _____



$\frac{1}{2}$ " hot rolled round bar 6" long. Draw out to a point maintaining the center and concentrating on staying round.

PROCEDURE

Cut a section of bar 6" in length. Put the blank end in the forge and allow the end 2" to heat to an orange/yellow color. When the desired heat is achieved hammer as instructed until the color changes to a dull red. At this point the blank must be returned to the fire. Any forging done after this point will crack and stress the center punch. Continue to draw out the point while continually checking that it maintains its center. The center punch should stay circular and straight. When the rough outline is forged let the metal cool on its own, do not quench. The center punch can now be filed to shape.