

Name _____

Date _____

DDP

Period _____

Line Types
Activity # 3

Read the directions below carefully and then draw the line types, squares, and circles required for each exercise. These exercises will be completed on a piece of 12" x 18" drawing paper, which will be divided into four parts inside the border. Be aware that dividing into four parts inside the border **will not create squares** as it did in the previous activities.

All exercises should be as neat and consistent as possible.

To begin, draw the required border and title block.

Include your name, period, date, drawing title (**Line Types 3**) and scale (1"=1"). All writing should be **neatly lettered**.

- Exercise 1:** Draw three (3) 1" diameter circles 1 ½" **apart** from center point to center point vertically. The middle circle should be in the center of area 1. Draw **center marks** for each circle **before** drawing the circles. Once all circles are complete, draw horizontal center lines through each circle as well as a vertical center line through all 3 circles (make this center line 4 ½" long).
- Exercise 2:** Draw a 3" square in the center of area 2 using your T-Square and triangles. Inside the center of the square draw a smaller 1 ½" circle. Inside of the square, draw **section lines** using your 45° triangle and 1/8" spacing between each section line. (**Do not draw section lines inside of the 1 1/2" circle.**)
- Exercise 3:** Draw a 3 1/4" circle in the center of area 3 using a compass. Inside the center of the circle draw a smaller 1" circle. Inside of the larger circle, draw **section lines** using your 45° triangle and 1/8" spacing between each section line. (**Do not draw section lines inside of the 1" circle.**)
- Exercise 4:** Draw a 3" Square in the center of area 4. This will represent the side view of an object. The object has a 2" hole in the center that goes down 2" and a 1" hole that goes through the rest of the way. Use **hidden lines** to represent how the side view of the drawing will look.