**Technology 1**

**Daily Assignment 1022/23, AutoCAD Isometric Dimensioning, The Sensible Version of the Assignment**

First, create a “lastname\_1022/23” folder on your network space for this assignment. Save all of the following drawings into this folder.

**Isometric Problems (Please dimension each as closely as possible to that the dimensions in the book):**

**DRAWING 1:** Page 908, Problem 10. (Draw and **dimension** this figure as in the book.)

**DRAWING 2:** Page 909, Problem 13. (Draw and **dimension** this figure.)

**DRAWING 3**: Page 910, Drawing 15. (Draw this figure. Include **FIVE dimensions**, as well, but don’t bother doing all of them.)

**DRAWING 4:** Page 911, Problem 17. (Draw this figure and **dimension** it. Use trimmed ISOCIRCLES to draw your curves. Use the “Quick Leader” icon [Red Arrow at the right] from the Dimension Toolbar to type in the “2X R.750” and “2X D.750” Play with the command and you will get it.).

**DRAWING 5**: Page 913, Problem 20. (Draw this figure and dimension it. Use the “Quick Leader” to input the “R1.3”)

**DRAWING 6:** Page 730, Figure P9-1. (Draw and **dimension** this figure as in the book. Estimate circle and rectangle sizes that do not have dimensions.)

**CHALLENGE PROBLEM**: Page 835, Problem 1. Draw this figure. You do not have to dimension it. To draw this figure, you will need to expand your screen a little bit. To do this, follow the instructions below:

* Type “limits” and ENTER at the command line. This will tell the program the size of the paper you need to use to complete the figure.
* When the program asks “Specify Lower Left Corner”, type in “0,0”>ENTER.
* When the program asks “Specify Upper Right Corner”, type in “200,150”>ENTER.
* AutoCAD now knows that you need a big piece of paper to complete your drawing, but you can only see part of the page. Click on the VIEW menu at the top of the screen and select ZOOM>ALL.
* You screen is now 200x150 units wide.
* Right Click on your GRID button and set your GRID Y SPACING to “5.0”. Turn on your ISOMETRIC GRID.
* Draw your figure as normal, inputting numbers as you always do.

**COPY your “lastname\_1020/10219” folder to Mr. B.’s M: Drive Drop Box Folder (now called “hsdropbox”) for your class period.**

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