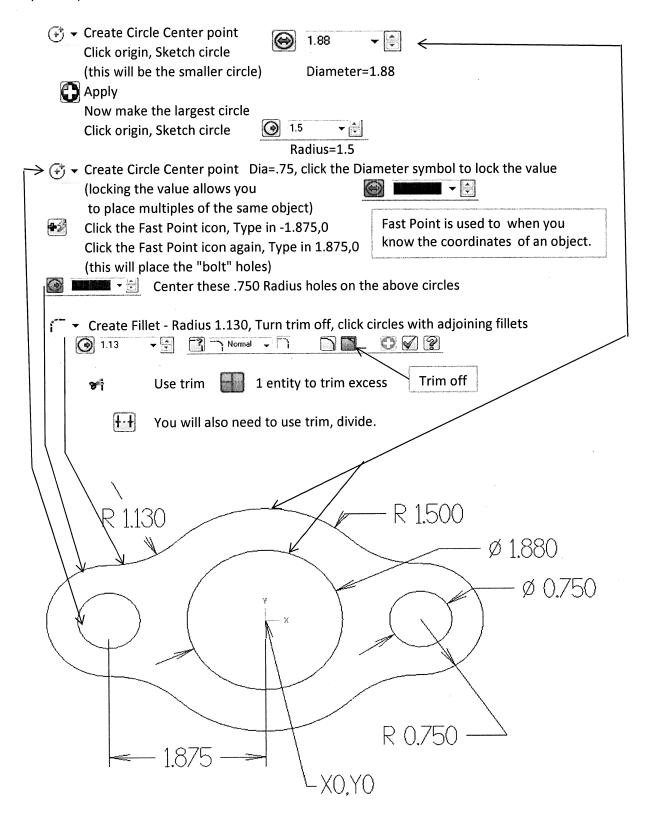
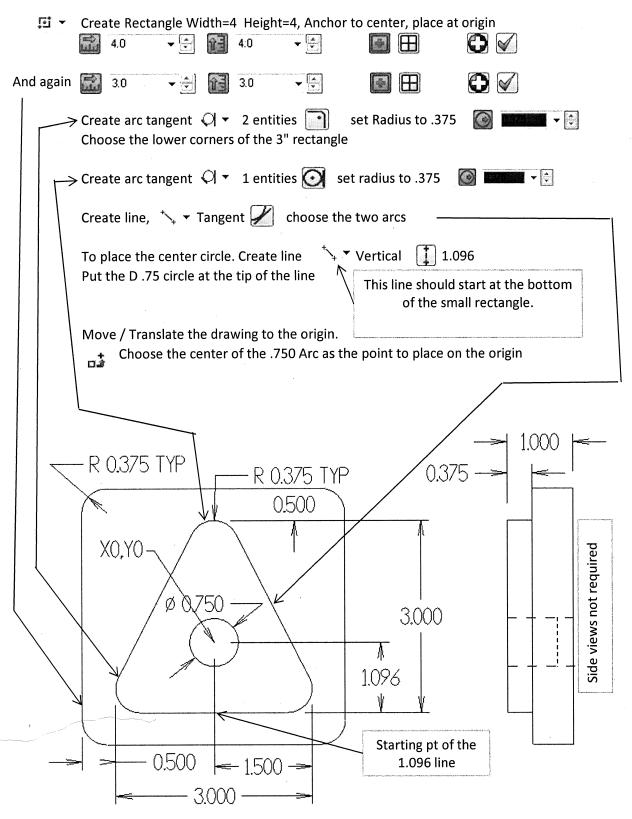


Assignment #1
Pikes Peak Community College



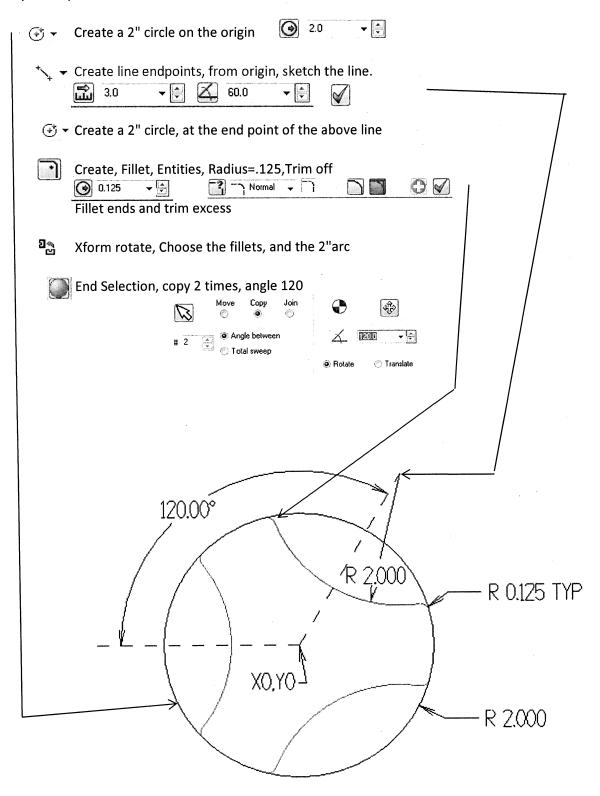
Assignment #2
Pikes Peak Community College

Key Concepts

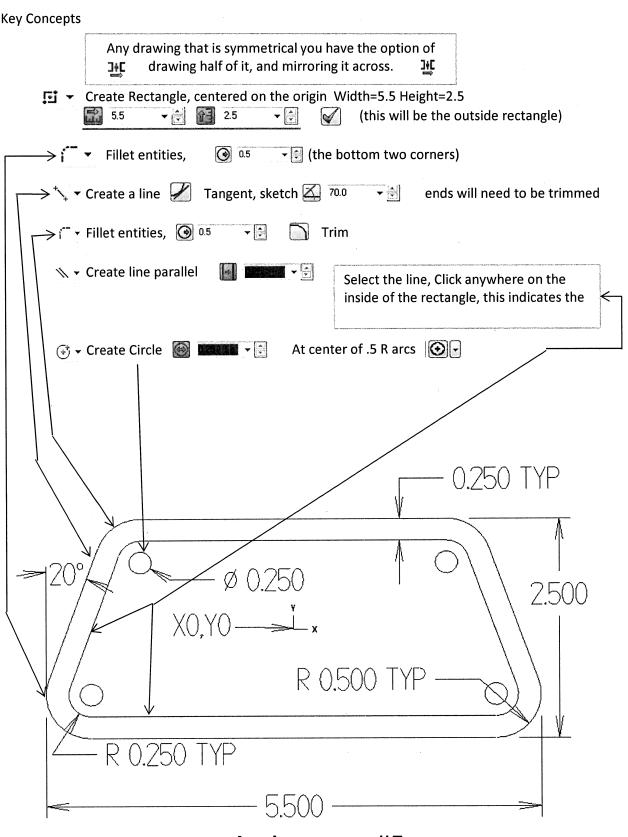


Assignment #3

Key Concepts



Assignment #4



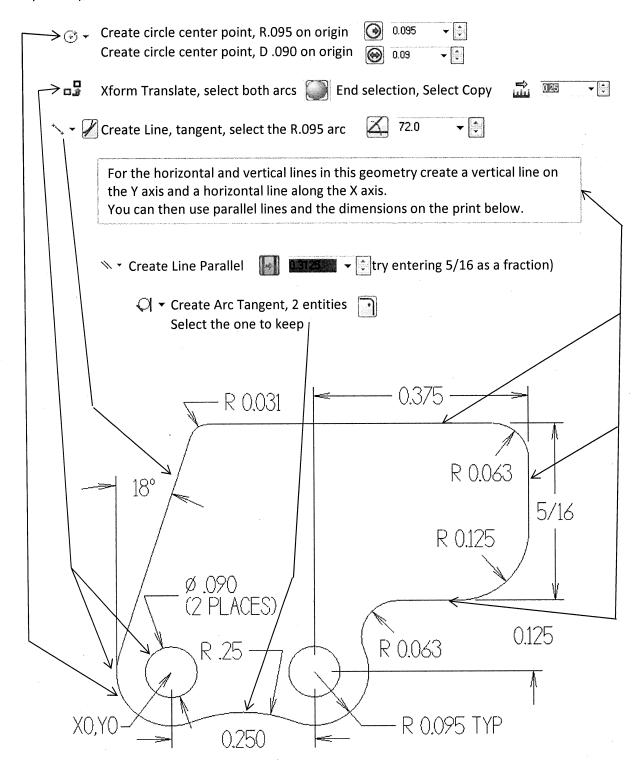
Assignment #5

Key Concepts

Note: Mirror may be used after drawing exactly half of this geometry.

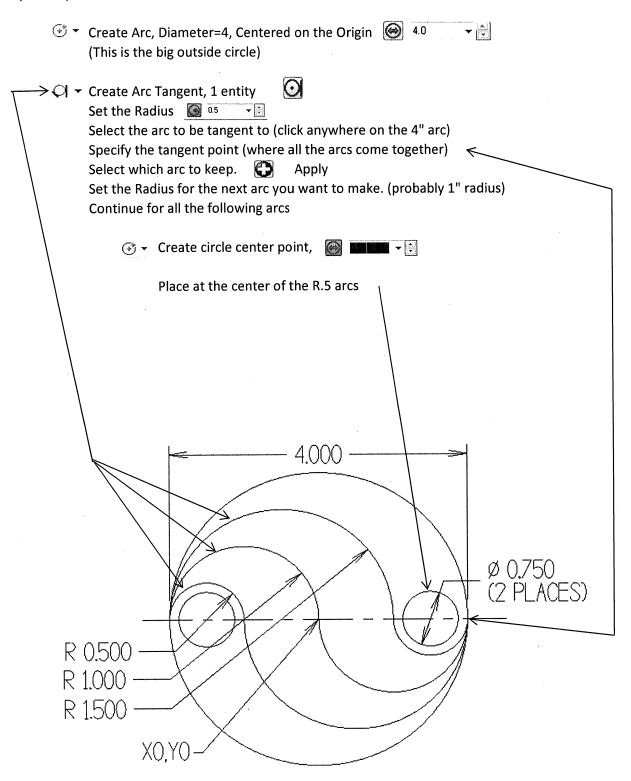
Width= 8.5, Height = 4, Fillets=.25, Anchor to lower center Click the origin **Before** Click Fast Point Type -1.5,0 Sketch the line, angle 120 🛣 🚾 → 🗧 Distance 2.5
 Dis **→** 😌 Select the bottom line of the rectangle Parallel in the upward direction Create a 2" circle at the mid point of the top line of the rectangle ← Tangent to the 2" arc ← 🔍 🕶 Create Line If you only drew half the drawing then... Xform Mirror, select entities • • × 00 • R 2.000 4.000 X0.Y0 2.500 R 0.750 60.00° 4.250 Assignment #6

Key Concepts



Assignment #7

Key Concepts



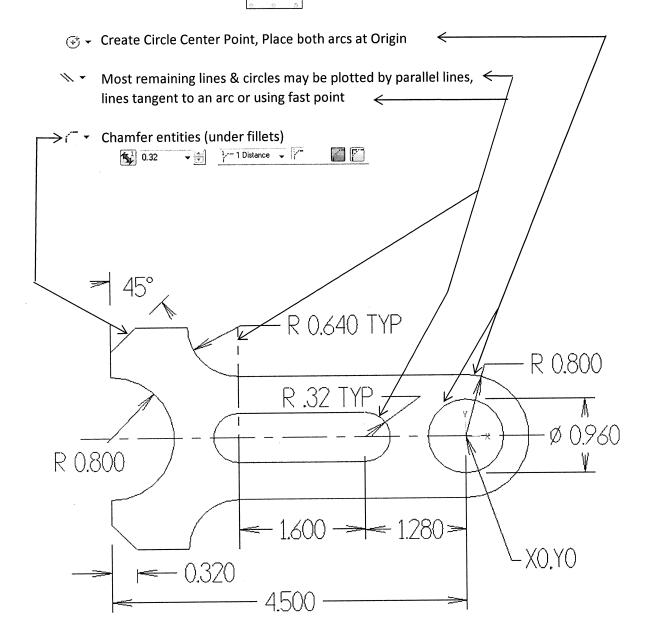
Assignment #8

Key Concepts

Create Rectangular shape (not a rectangle, its under Create on the menu bar)
Width=4.5, Height=2.88

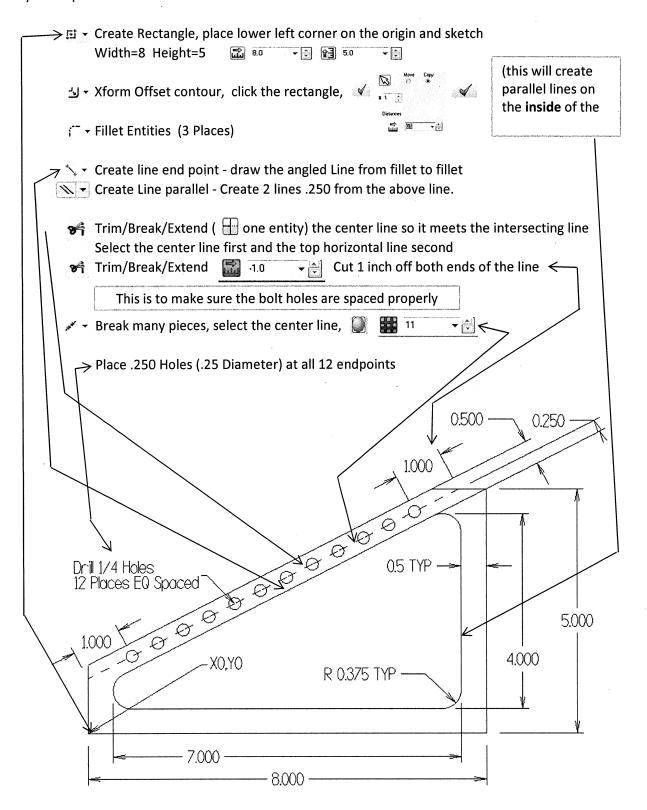
Anchor to Right Center

| Create Rectangular shape (not a rectangle, its under Create on the menu bar)

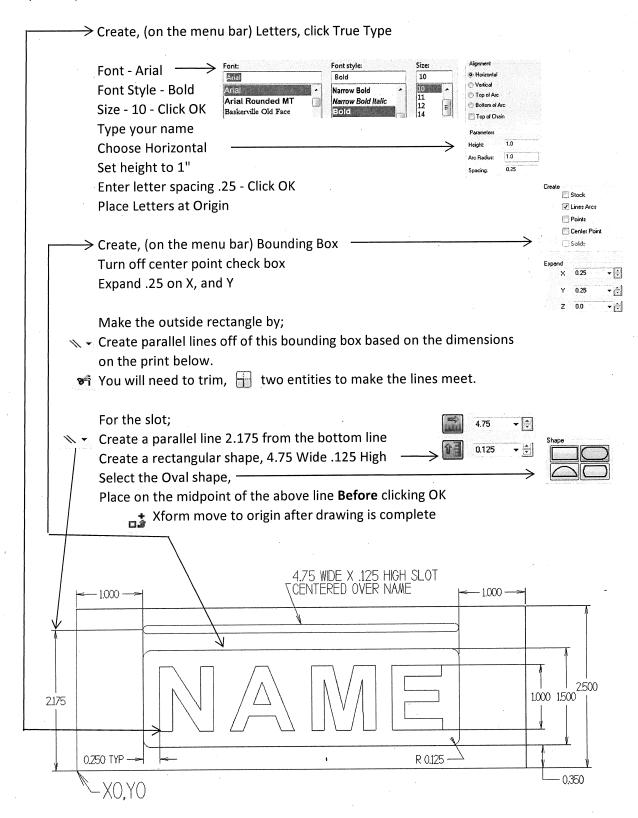


Assignment #9

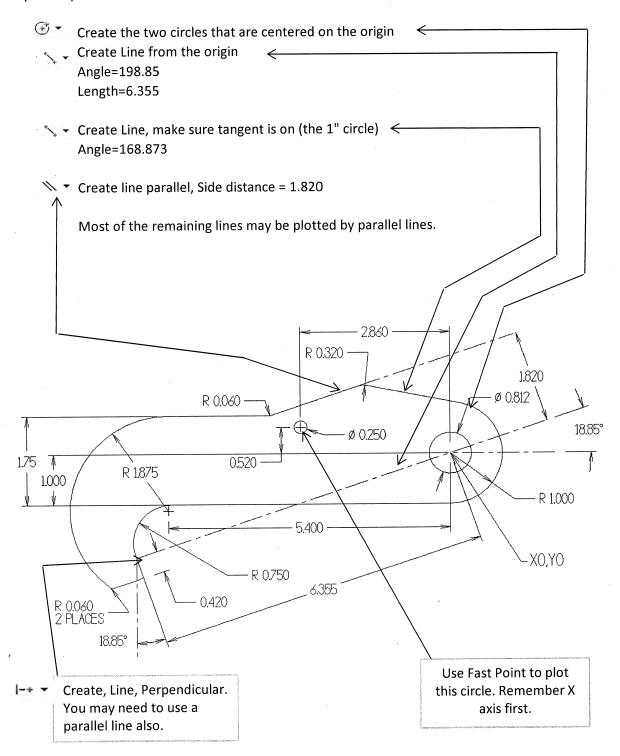
Key Concepts



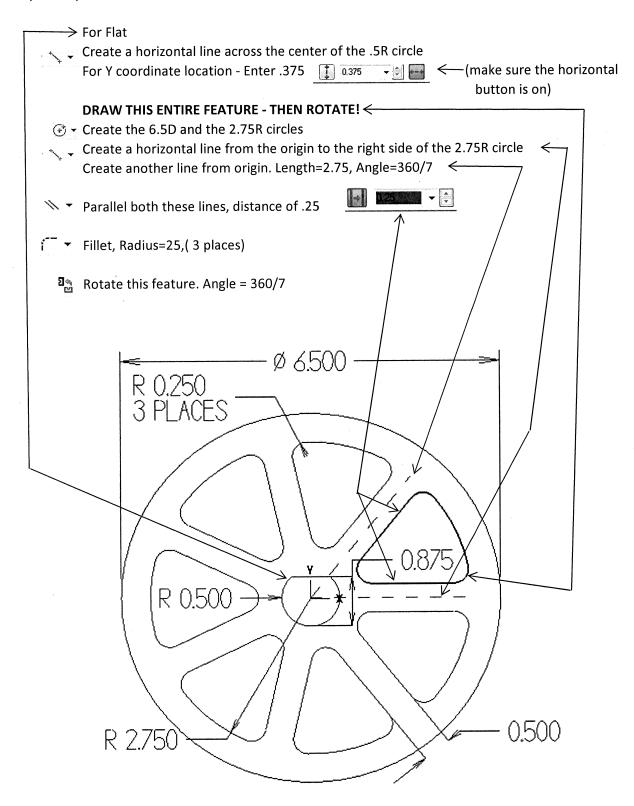
Assignment #10



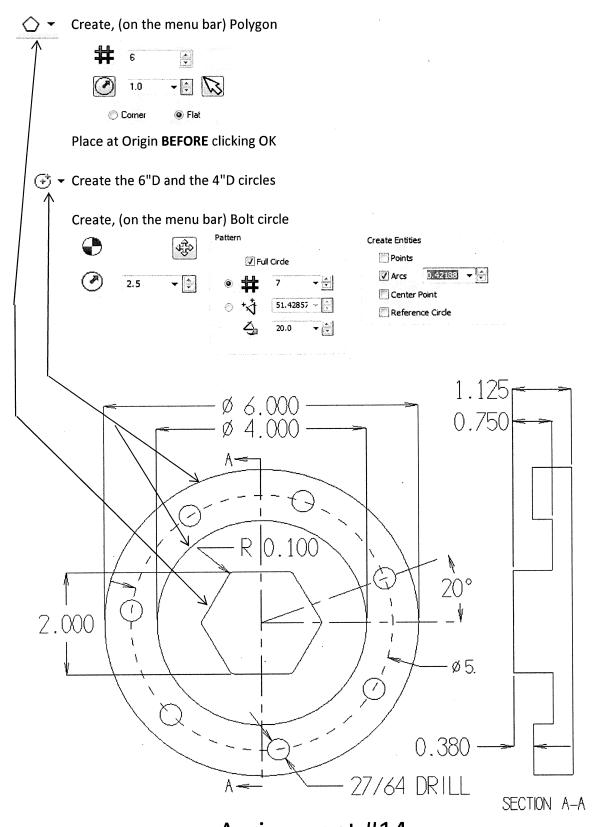
Assignment #11
Pikes Peak Community College



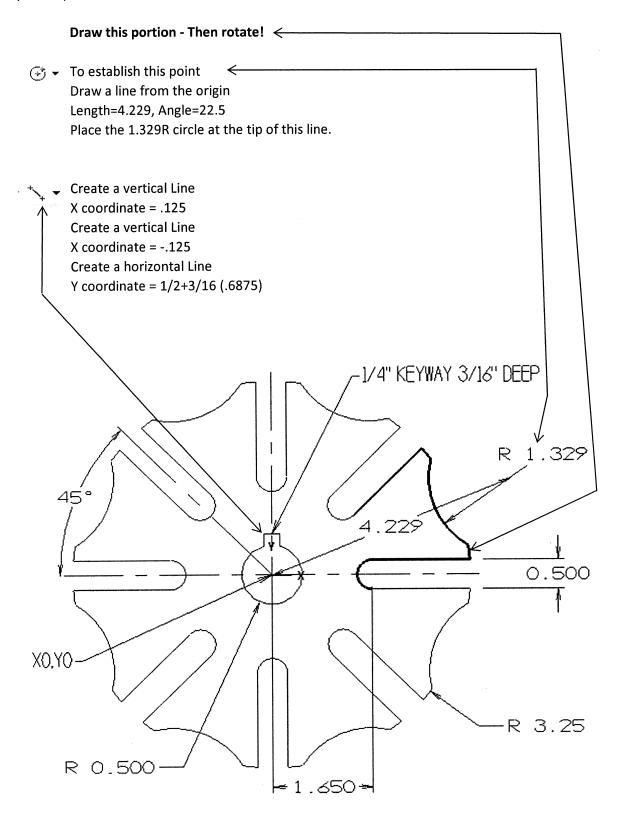
Assignment #12
Pikes Peak Community College



Assignment #13
Pikes Peak Community College



Assignment #14
Pikes Peak Community College

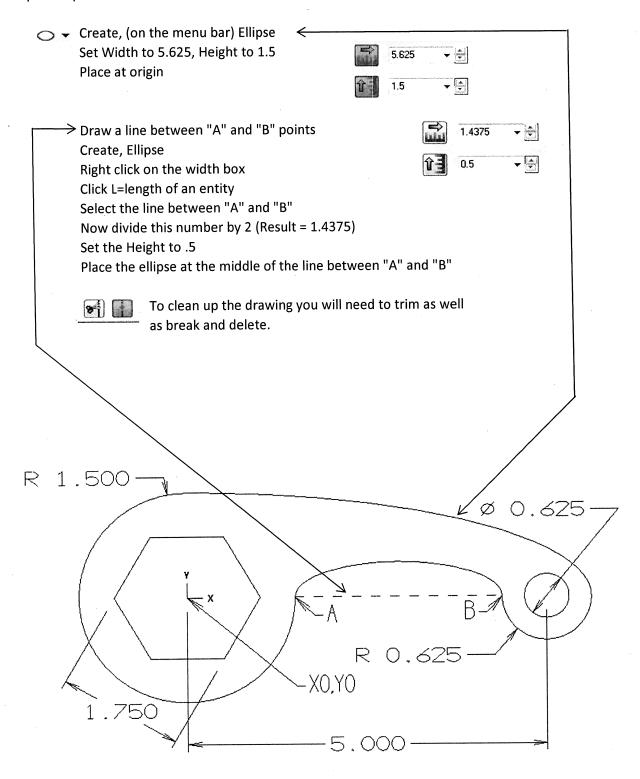


Assignment #15
Pikes Peak Community College

Key Concepts

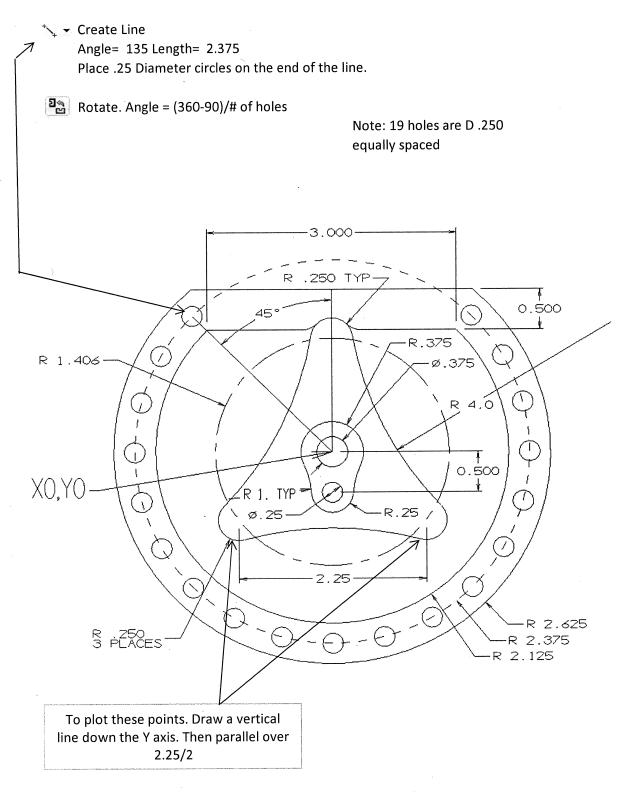
Create the polygon, set the number of sides to 6, and radius at 16 To calculate how much the polygon needs to be rotated. We draw two lines and use that angle created between them as our rotation angle. → Create a line between the center of the 94" Radius and the center of the 25" Radius → Next, create a line vertical up from the center of the 25"Radius Now rotate the polygon, you will need Define to define the center point as the center Center of the 25" Radius. Point. Right click on the angle box, choose 339.61702 🔻 🧁 angle menu, and 2 lines Select the two lines drawn above, Rotate Translate (Be sure to choose the left one first) R 25.000 R 19,000 32.000 X0,Y0 22.000 Note: this polygon is set Fillets or Arc Tangent at a 90 degree angle in 62.000 relationship to the 94" Radius Assignment #16

Key Concepts

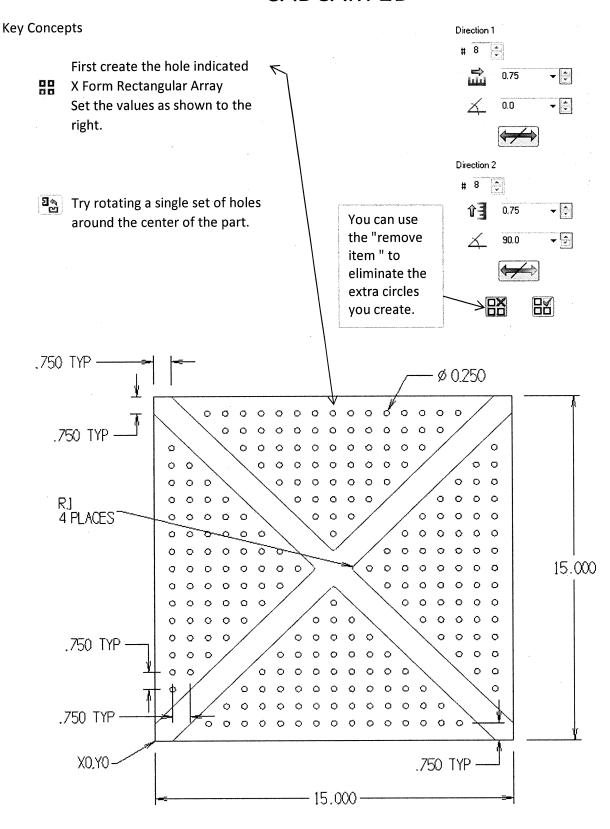


Assignment #17

Key Concepts

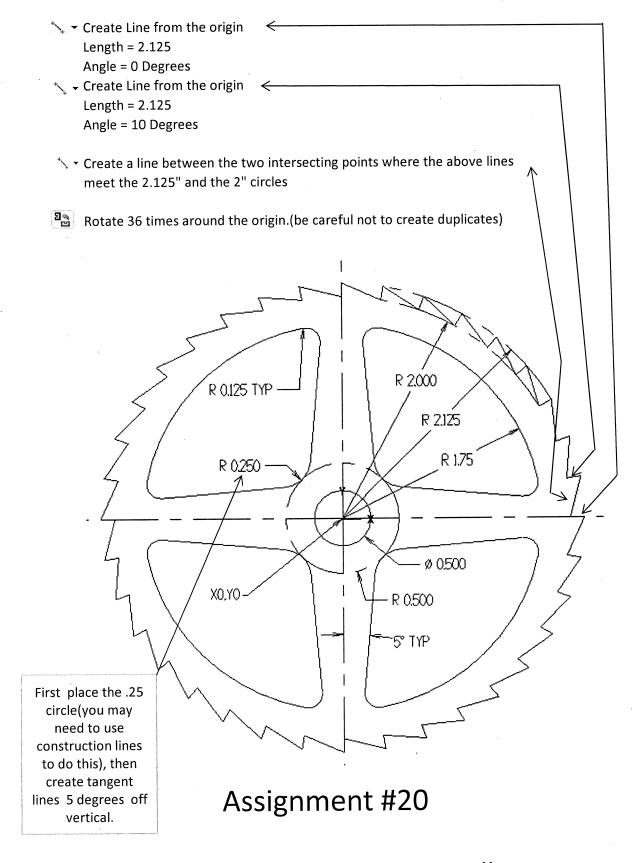


Assignment #18

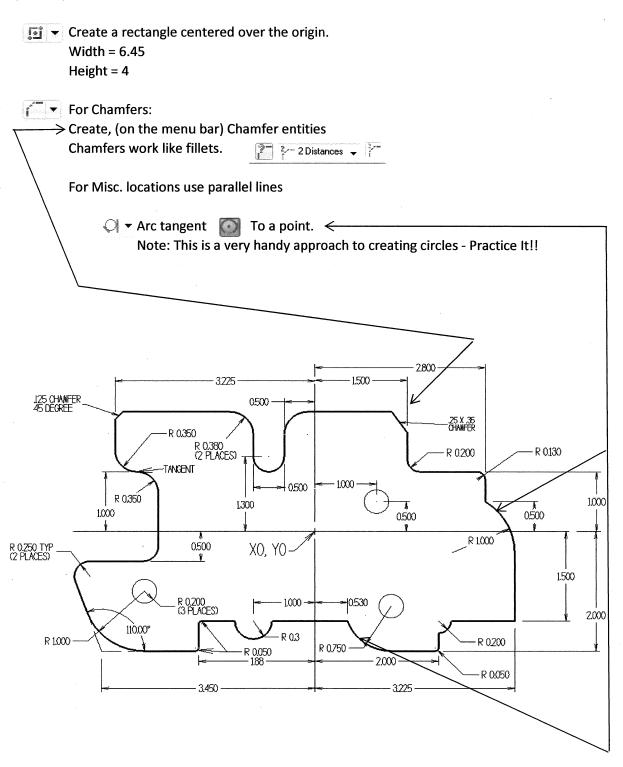


Assignment #19

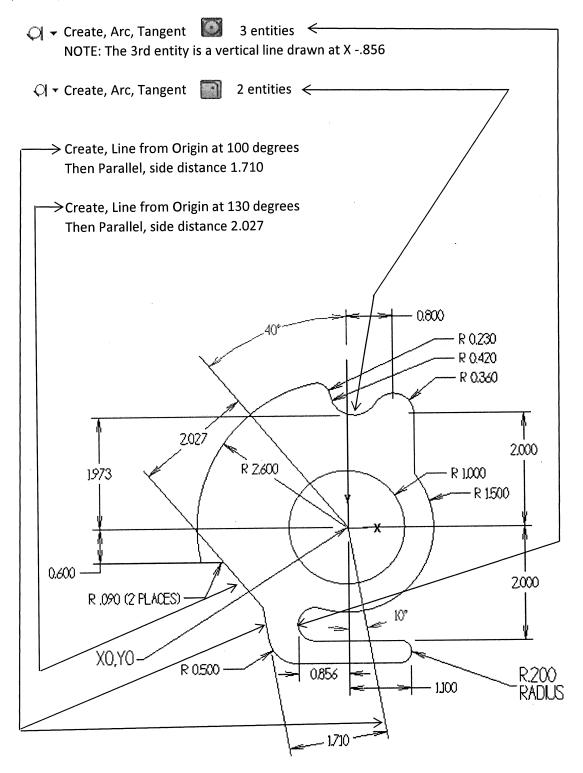
Key Concepts



Key Concepts

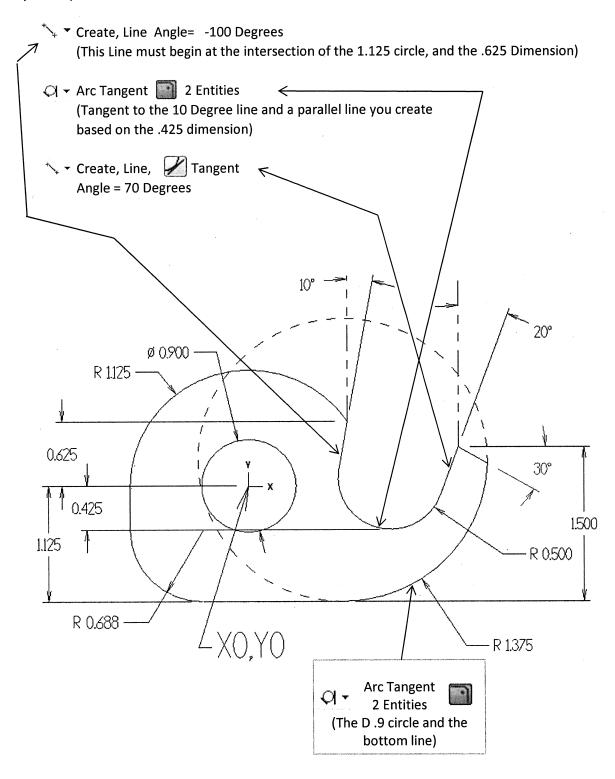


Assignment #21



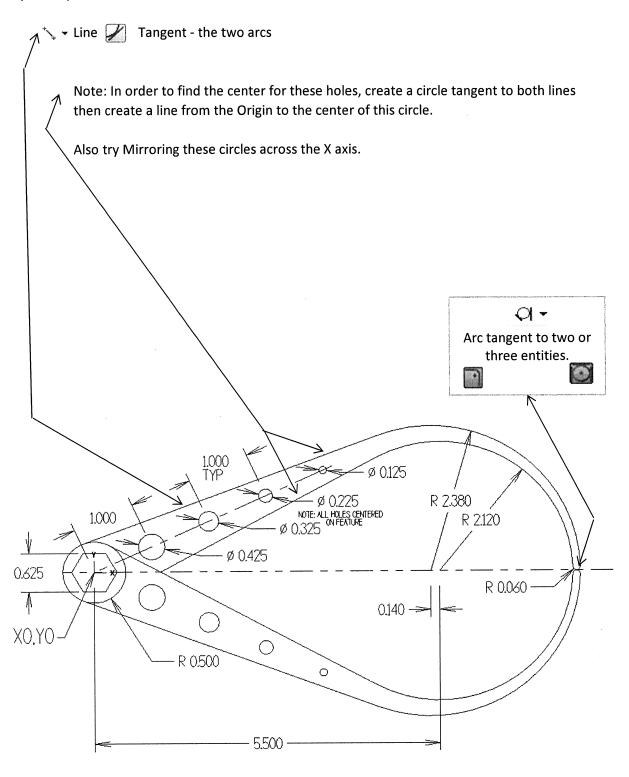
Assignment #22

Key Concepts



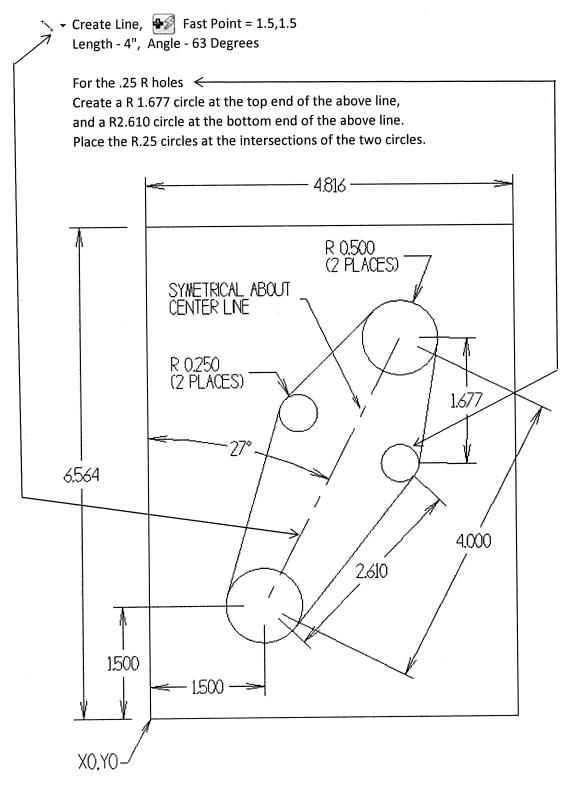
Assignment #23

Key Concepts



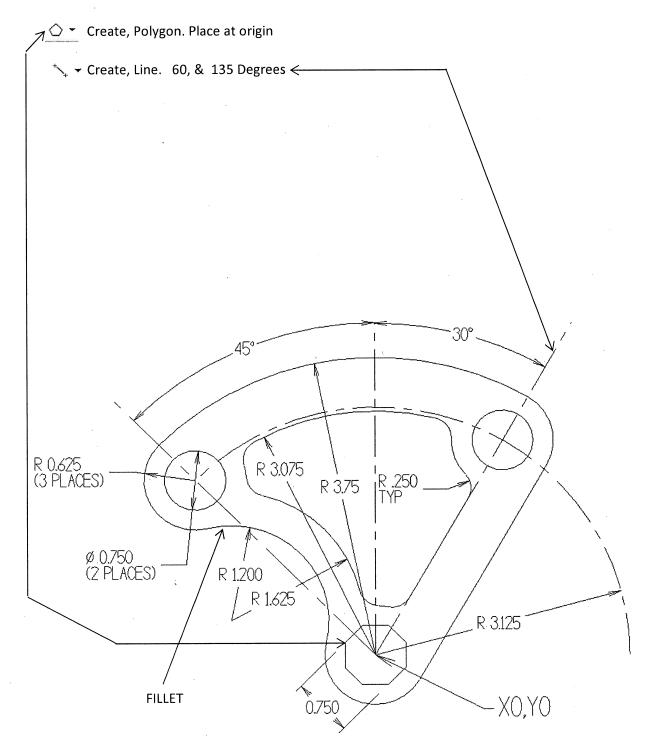
Assignment #24

Key Concepts



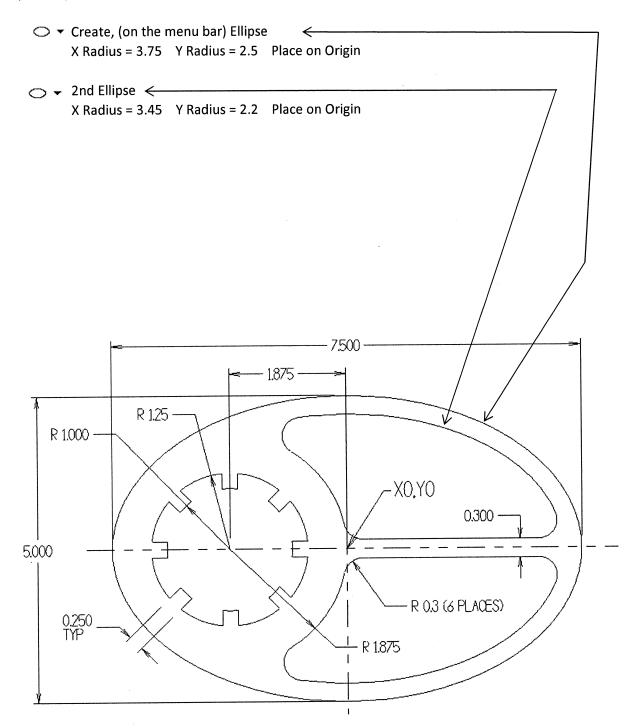
Assignment #25

Key Concepts



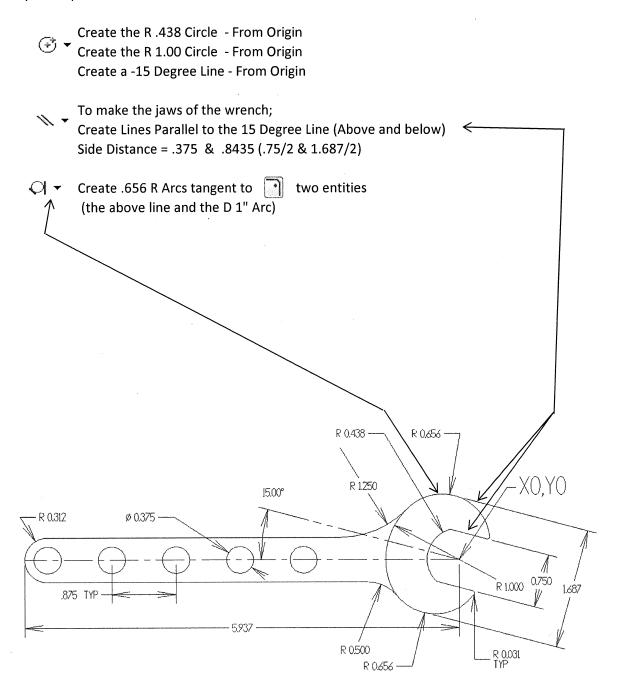
Assignment #26

Key Concepts



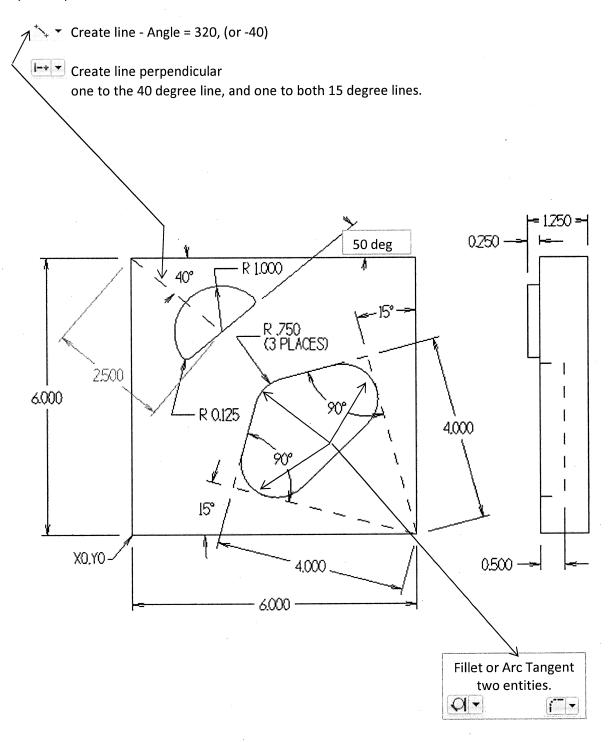
Assignment #27

Key Concepts

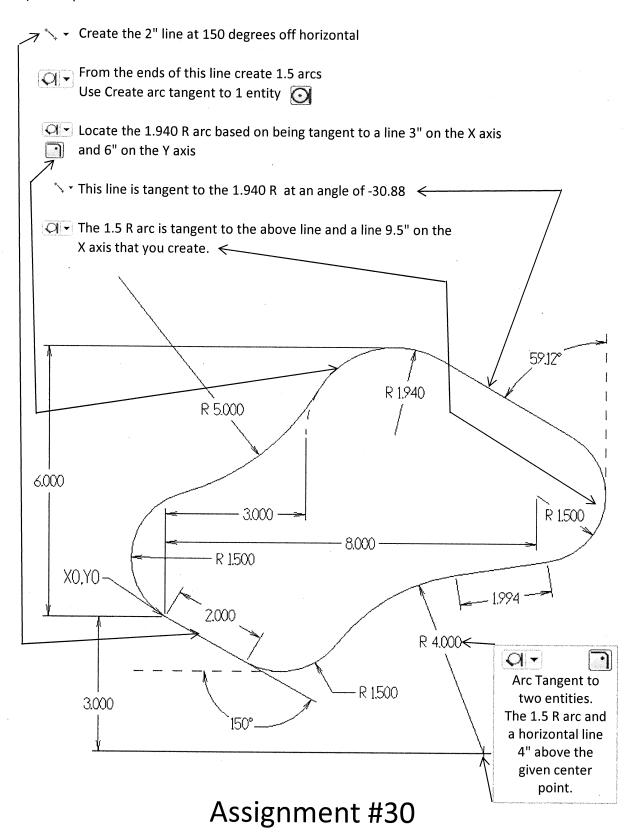


Assignment #28

Key Concepts



Assignment #29



Pikes Peak Community College