

Name: _____

Score: _____

Intro to Graphical Communication, Engineering Geometry

Answers can be type or written. Extra credit will be given for lettered answers.

Answer Questions below:

1. What is the difference between a point, plane and surface?
2. Define Concentric Circles.
3. Define a tangent.

Graph each on a Coordinate system you create

4. Using rectangular graph paper, draw or sketch the X and Y axes for the Cartesian coordinate system, then locate:
point A at 2,3
point B at -2,5
point C at -3,-2
point D at 4,-1
5. Using the same axes constructed above, construct line AB using endpoints -1,-2 and -3,-4.
6. Add to the same graph, construct line MN with the first endpoint at 1,1 and the second at 45 degrees and 1" from the first endpoint.

Tutorial: Oven Rack. Under All tutorials and then 3D sketching. Turn in the Printed Drawing or e-mail to bhamlett@csi.edu Be sure to save your files with your own name. For example: bhamlettA2 or something that gives your name and description of assignment