

5.1 through 5.9 Locate the centroid of the plane area shown.

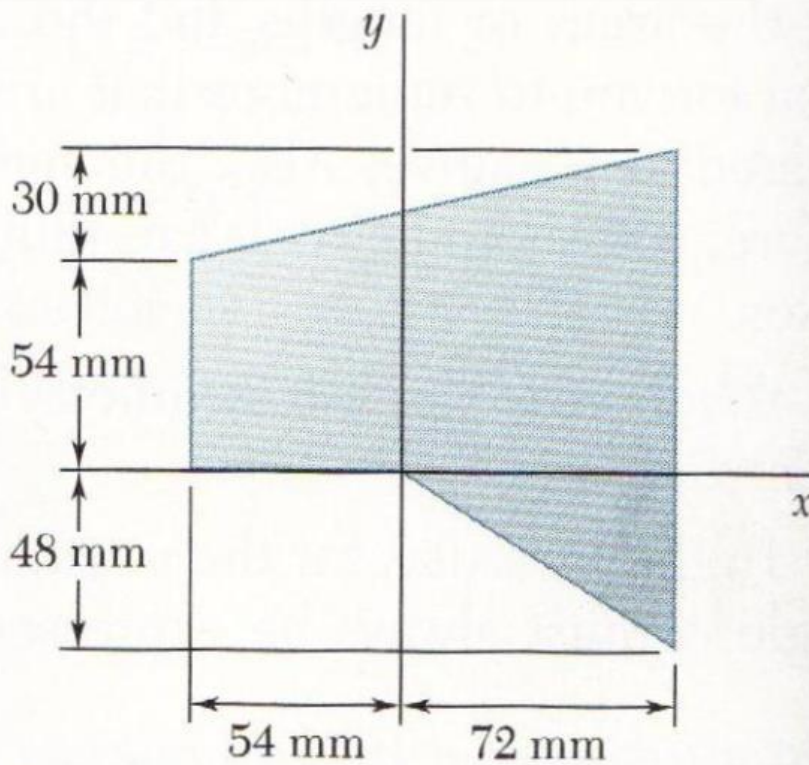
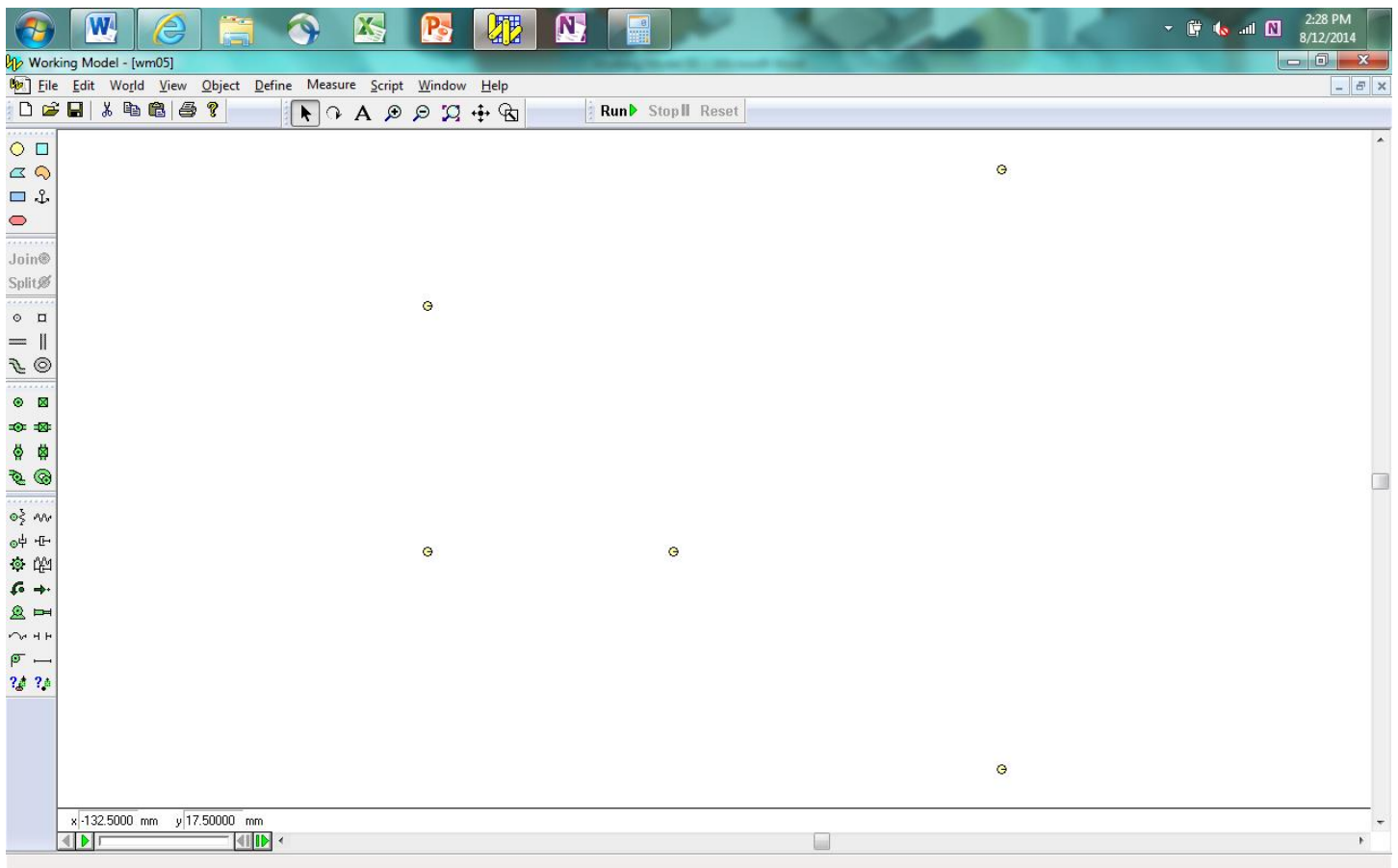
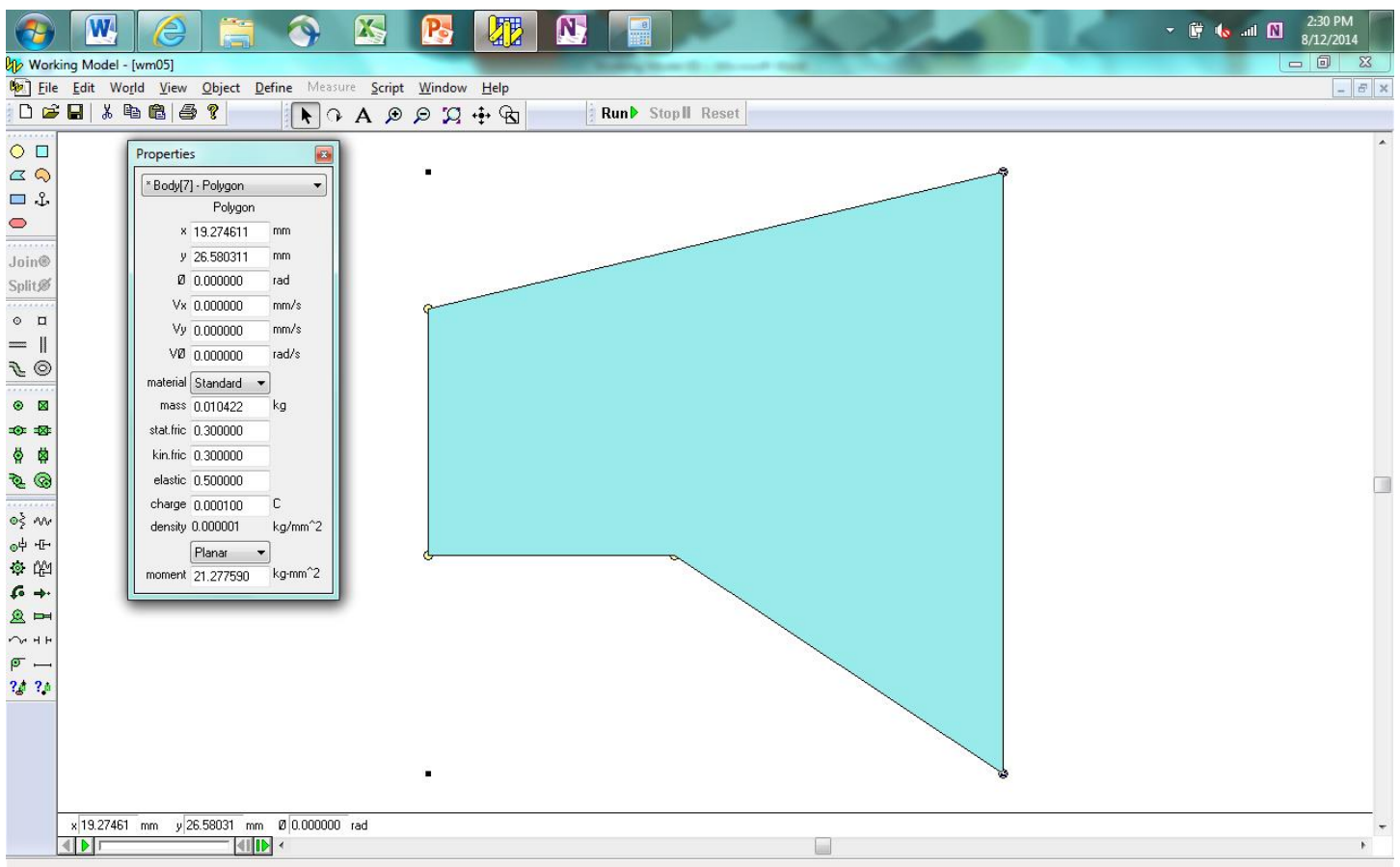


Fig. P5.6

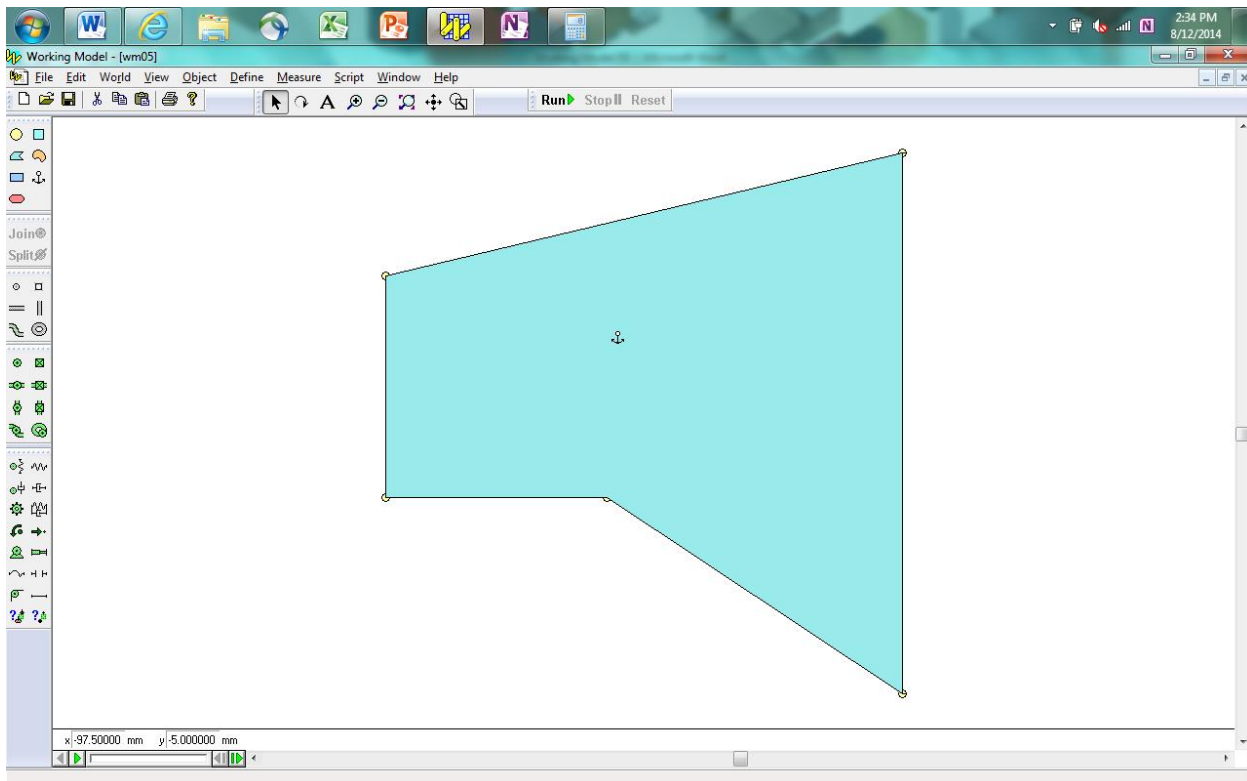
Place small circles at the corners of the shape.



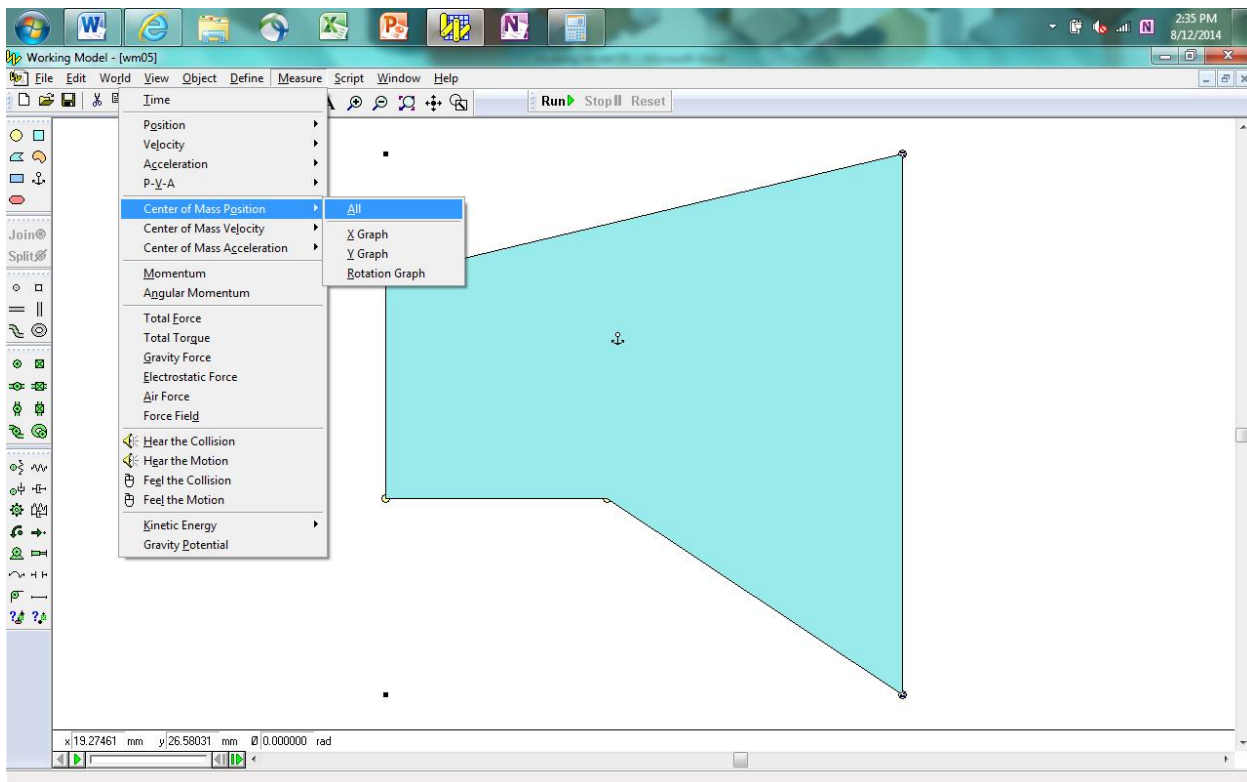
Use the Polygon Tool to create the shape. Make sure to double-click the last point.



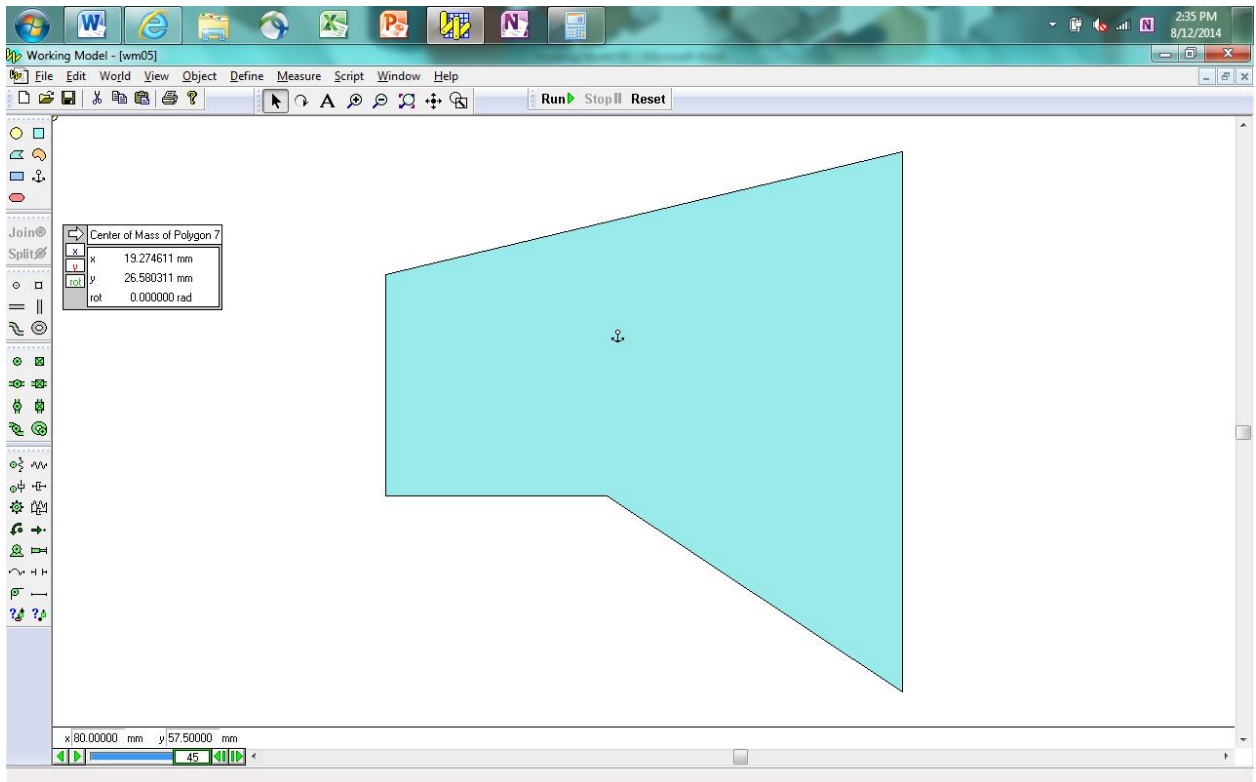
Anchor the polygon in place.



Select the polygon. Use the Measure/Center of Mass Position/All drop-down menu to determine the location of the CG.



Run the simulation.



When the results of your model match those shown above, take a screenshot of the model (with numerical values showing), copy and paste it into Microsoft Word, save it as a pdf file, and submit it to the Dropbox in Pilot.