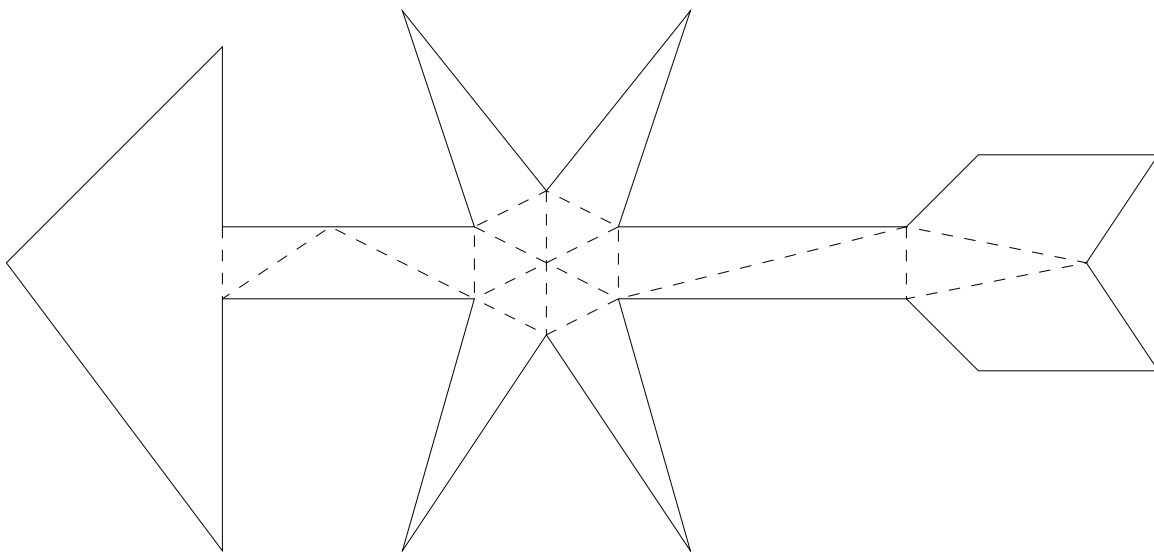
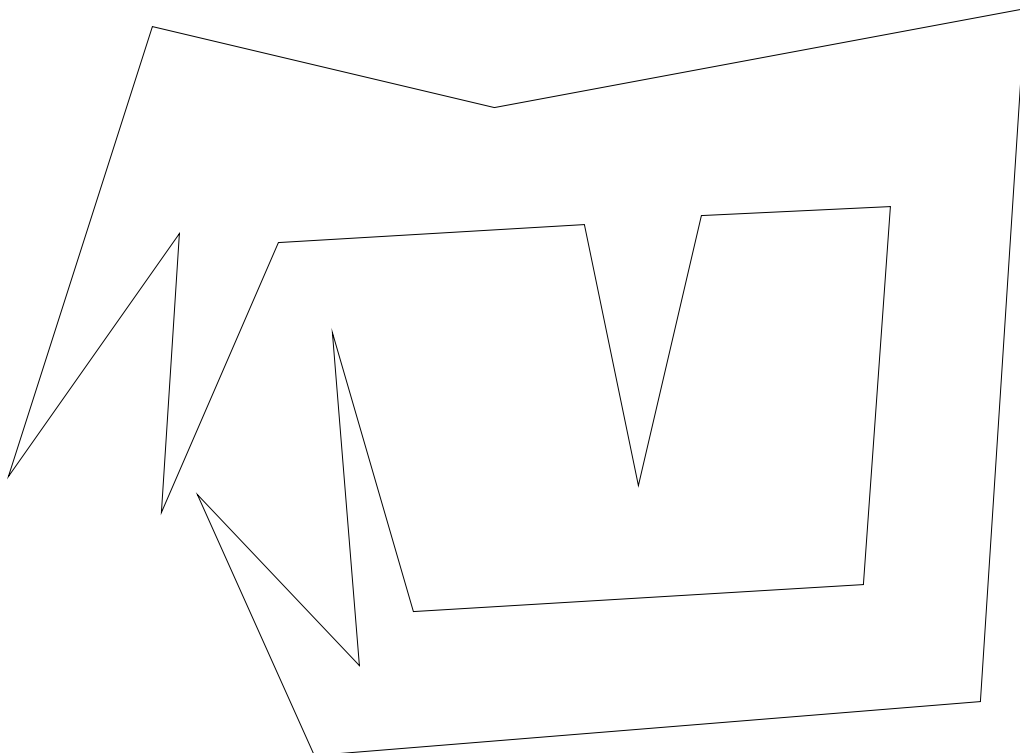


Worksheet — MAT 103 — Fall 2008

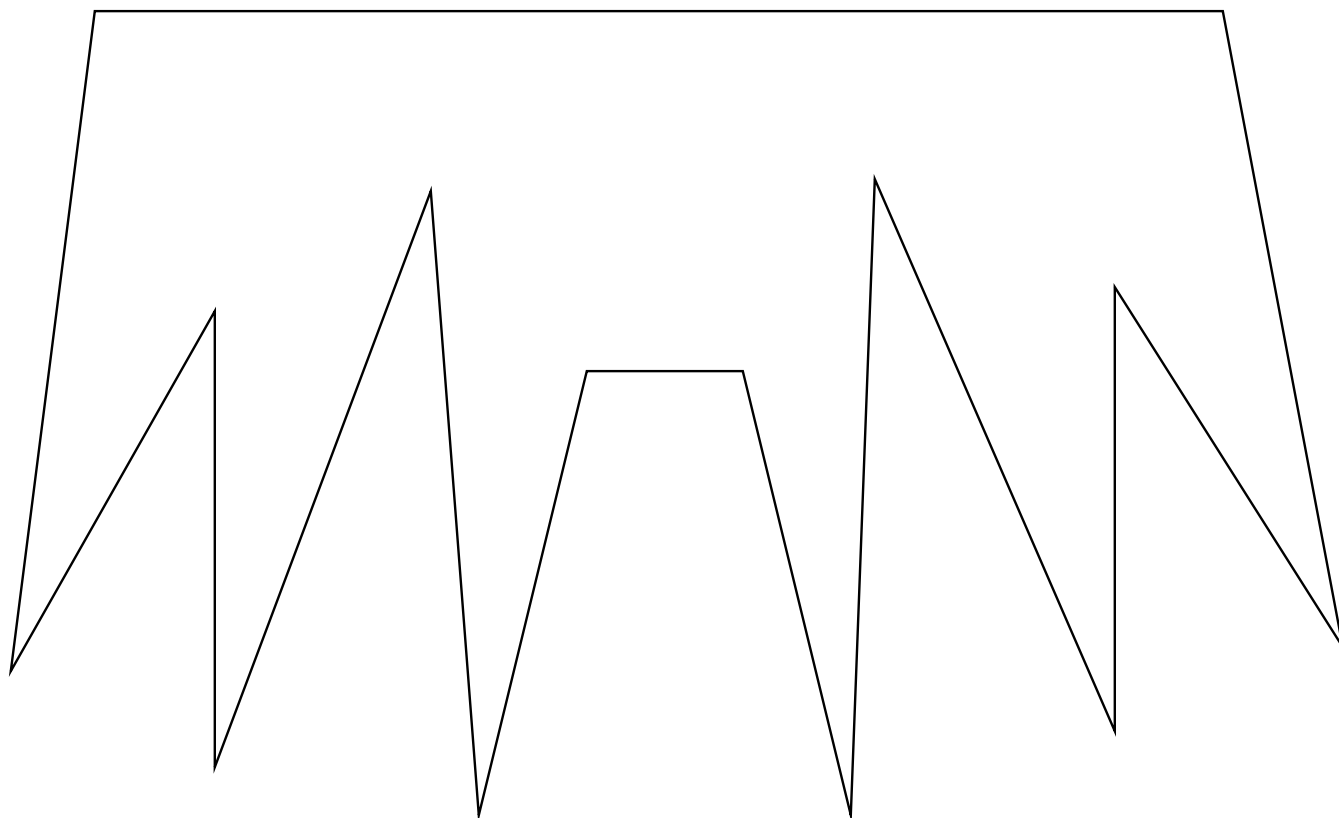
- (1) The triangulation of the art gallery shown below has several errors. Mark all the errors you can find on the diagram.



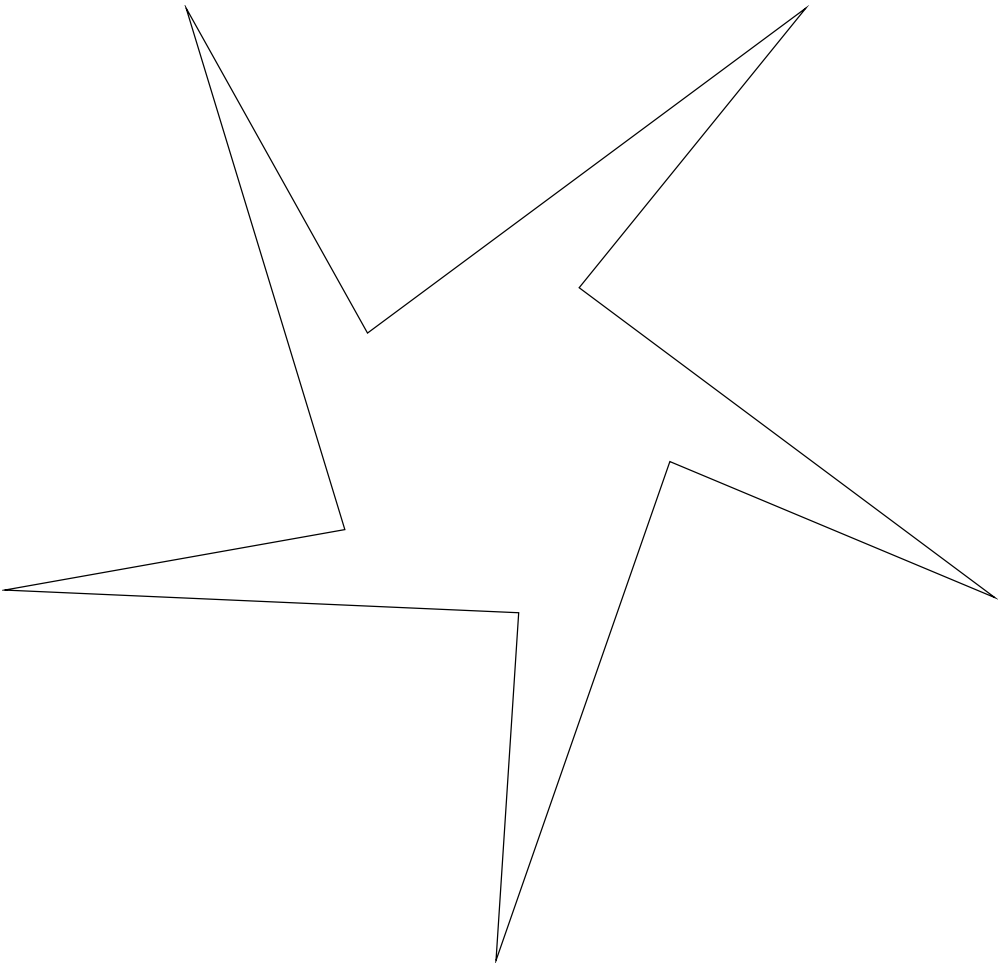
- (2) Triangulate the gallery. (Be careful **not** to create any new corners – all the lines you draw should go between existing corners.) Then color the corners of each triangle with three colors so that every triangle ends up having corners of all the colors. This is Fisk’s algorithm.



(3) Use Fisk's algorithm to find positions for security cameras in the following art gallery.



(4) Ditto.



(5) And again.

