

Math 3133 - Geometry for Elementary Majors

Written Assignment 8 - Due 2010.07.30

Directions: Please answer the following question in complete sentences. Be sure to label all geometric objects in any illustrations. I will accept an answer in a scanned image format, in a Word document or as a pdf.

Question: Design at least three different polygons which can tessellate the plane, showing exactly how each one does this. What transformations are used in each of your designs? Explain how the transformations are used to tessellate the plane. You are not allowed to use any polygons from the text.