

Math 3133 - Geometry for Elementary Majors

Written Assignment 3 - Due 2010.06.27

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: All circles and all cubes are similar geometric constructs, the first is two dimensional, while the second three dimensional. What other geometric objects, in two and three dimensions are always similar? (For instance, rectangles and parallelograms are not similar).