

**MATH 3440 Homework 1    Due date: August 29 (Wednesday)**

- (1) Use GeoGebra to construct "The Nine-Point Circle" (See Figure 0.2 on page 3).
- (2) State a geometry Theorem and use GeoGebra to construct the geometric configuration to explain the Theorem.
- (3) Problem 2 in Problem Set 0 (on p 6)
- (4) Explain why the region C is a rectangle in Fig 0.8 (on p6).
- (5) Problem 1 in Problem Set 1.1 (on p 14)