MAT 515: Geometry for Teachers
Problem Set 5

Stony Brook University   Fall 2019
Dzmitry Dudko

Problem 1. (5 points)
An angle measuring 19° is given on the plane. Using a compass and a straightedge, construct an angle measuring 1°.

Problem 2. (5 points)
On a given line, construct (using a compass and a straightedge) a point equidistant from two given points (outside the line).

Problem 3. (5 points)
Trough an interior point of an angle, construct (using a compass and a straightedge) a line that cuts off congruent segments on the sides of the angle.

Due Date: Wednesday October 9.