Problems #1
MATH 387 : 2015

Due: Thursday, 8 January 2015

1. What can you remember from high-school geometry? Make a list (at most half a page in length) of results and theorems.

2. How many primitive tools does a solution to Level 9 in *Euclid: The Game* based on Book 1 Proposition 2 in Euclid's Elements use?

3. Complete Level 9 in *Euclid: The Game* using only 5 primitive tools and provide a proof (in the style of Euclid) that your solution is correct.

Remark. *Euclid: The Game* can be found at http://www.euclidthegame.com

Bonus. Complete Levels 1–12 in *Euclid: The Game*. How many Golden medals can you get?