

Homework 3

Due: Monday Oct 7th

Geometry for Teachers, MTH 623, Fall 2019

Instructor: Abhijit Champanerkar



Reading Read Sections 3.4 - 3.5 from the text book.

Problems Solve and submit the following problems.

1. Pg 97-98: 11
2. Pg 109: 5, 10
3. Pg 117: 12
4. pg 131: 15abfnp

Write up (Please type your write-up.)

In Book 2, Proposition 6 (Prop 3.4.1 in the text book) Euclid constructed the golden ratio. Write half a page about the Golden Ratio and why you think its interesting. You can use wikipedia or cut-the-knot or other sources (please cite the source you use).

https://en.wikipedia.org/wiki/Irrational_number

https://www.cut-the-knot.org/do_you_know/GoldenRatio.shtml