

MTH 306 History of Math, Fall 2025

For Monday Sep 15th:

- (1) Read the handout.

HW3 Due Mon Sep 29th

- (1) Look at the Rhind Papyrus problem 1.D2 (b) Problem 31. Explain what is going on.
- (2) Look at the Rhind Papyrus problem 1.D2 (c) Problem 41 and (d) Problem 42.
 - (a) Do the questions how you would do them.
 - (b) Explain the Egyptian method.
 - (c) Are the methods in both problems the same? Do you think the authors of the Rhind Papyrus knew an approximation for π ? If so, what is it?
- (3) Look at the proofs of Proposition 5 from Euclid's book 1 in the handout. Do they all work? Do they all prove the same thing? Which one is clearest?