

Math 128-Homework Set 1, Fall 2026, Due: Wed, Sep 16

Do problems **1,2,4,5,6, 8** at the end of Chapter 2 of Berggren (page 76).

Write up your solutions neatly, and show your steps clearly.

Pay attention to the following clarifications or modifications on certain problems.

- For problem 2, change the statement of the problem to: "Apply Kushyar's method of halving starting with the highest place. Does it work"?
- In number 8, interpret the numeral according to the Greek system. The symbol "E" is the digit for 5 (in the table on page 48). Giving 2 possible values is enough. Assume that the sexagesimal system is consistently used for both integer and fractional parts and express the values in the decimal system.

At the end of your hmw, please write me a short message, anything from a few words to a paragraph.

Homework Rules

- You can get help from a) your professor, b) the tutor for this course, and c) your classmates provided you follow the [Math Department's Guidelines](#) on Healthy Collaboration
- Any use of AI is strictly prohibited on homework assignments