

Math 128-Homework Set 5, Fall 2026, Due: Mon, Nov 2

Do problems **7,8, and 10** at the end of Chapter 4 of Berggren (page 153).

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

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

- For Problem 8, find the quotient up to (and including) the term x^{-1} (pt) and write it in the usual polynomial notation. Also find the remainder.
- For Problem 10 interpret and express the answer in terms of money (dirhams and fulus). Do not use a calculator in any of these problems. Find all shares, including the gift amount.

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