

Homework 1: Norms and linear algebra

MATH 6610, Section 001
Analysis of Numerical Methods I
Department of Mathematics, University of Utah
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Fall 2026

Due Friday, September 4, 2026

Submission instructions

Problem numbers refer to the [MATH 6610 course notes](#). Problem X.Y denotes Problem Y in Chapter X. Problems appear both inline and in the problem collection at the end of each chapter.

Submit your assignment on Gradescope.

Problem assignment

- [Course notes, Problem 1.1](#)
- [Course notes, Problem 1.2](#)
- [Course notes, Problem 1.4](#)
- [Course notes, Problem 1.5](#)
- [Course notes, Problem 1.6](#)
- [Course notes, Problem 1.7](#)