

Homework 5

Due Wednesday, October 4, 2023

MATH 231

Instructions. *This assignment **will not** be collected and there will be **no quiz**. However, this content will be on Exam 1.*

Exercise 1. Complete the following exercises from Section 1.9 in the course textbook:

33, 35, 37, 38, 39, 40, 44

Exercise 2. Suppose $T: \mathbb{R}^n \rightarrow \mathbb{R}^m$ is a linear transformatin. Show that if $m > n$, then T cannot be onto.