

UPDATED GENERAL INFORMATION — NOVEMBER 15, 2018

Here is the next homework assignment, which should be completed by on **Monday, November 26, 2018**.

The following references are to the file `math133exercises03.f13.pdf` in the course directory.

- **Section III.1:** 1, 3
- **Section III.2:** 1, 3, 5, 8, 9, 11
- **Section III.3:** 1, 3, 8, 14, 18, 22
- **Section III.4:** 3, 6, 7, 11
- **Section III.5:** 2–6
- **Section III.6:** 1–3, 6, 7

The following references are to the file `math133exercises03a.f13.pdf` in the course directory.

- More exercises for Sections III.1 and III.2: D1, D2, D4

Exercises for Unit V

Here is the final homework assignment, which should be completed by on **Wednesday, December 5, 2018**.

The following references are to the file `math133exercises05.f13.pdf` in the course directory.

- **Section V.1:** 1–2
- **Section V.3:** 2–4, 8
- **Section V.4:** 3–6

Some questions in the second examination are very likely to be along the lines of items in these and the previous assignments.

Detailed proofs of some results in neutral geometry

The two documents described below have been posted; they fill in the details of certain proofs that were not given in Sections V.2 and V.3 of the course notes.

- (1) As noted in the lectures, the document `neutral-proofs1.pdf` contains synthetic neutral-geometric proofs of the results listed in Section V.2 of the notes (along with a few additional results). In keeping with the overall pattern of the course, none of the proofs for 3-dimensional neutral geometry will be covered on the third examination.
- (2) A complete and detailed proof of Theorem V.3.8 in the course notes has been posted in the file `neutral-rectangles.pdf`.