

Homework assignments for Chapter III

The following exercises are ***strongly recommended***:

<http://math.ucr.edu/~res/math133-2020/exercises/math133exercises03.f13.pdf>

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

<http://math.ucr.edu/~res/math133-2020/exercises/math133exercises03a.f13.pdf>

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

Solutions for the exercise files are posted in the folder <http://math.ucr.edu/~res/math133-2020/solutions>. Note that there is also a file of drawings for the solutions in this directory. For the remaining exercises in these files, you should at least read the solutions and have a passive understanding of them. This also applies to the following two files, which are closely related:

<http://math.ucr.edu/~res/math133-2020/exercises/descartes-on-pappus.pdf>

<http://math.ucr.edu/~res/math133-2020/exercises/math153exercises11b.pdf>

<http://math.ucr.edu/~res/math133-2020/exercises/math153exercises11c.pdf> (only Problem 3)

The problems in the following files are also strongly recommended:

<http://math.ucr.edu/~res/math133-2020/updates2018/aabUpdate08f18.pdf>

<http://math.ucr.edu/~res/math133-2020/updates2018/aabUpdate11f18.pdf>

Solutions for these problems are posted in the following files:

<http://math.ucr.edu/~res/math133-2020/updates2018/aabUpdate08f18a.pdf>

<http://math.ucr.edu/~res/math133-2020/updates2018/aabUpdate11f18a.pdf>