

# Math 198: Practice Sheet for Test 3

Test 3 cover Chap. 6 [Sect. 1–2], Chap. 7 [Sect. 1–6], and Chap. 8 [Sect. 1–2]. The textbook material and any material presented in class are examinable. You should be able to answer any question from the assigned homework. In addition, you are strongly advised to work many extra problems from the textbook — the Reviews are particularly useful in this regard. At a later stage, after having identified the main issues in each section, you should select one or two representative problems per section, and devise your own practice test. Do it in a limited time. The following non-exhaustive list of exercises may help you.

**6.1:** 2, 15, 22, 24, 30, 32

**6.2:** 6, 8, 12, 14, 20, 22, 24, 25

**7.1:** 8, 26, 30, 36, 37

**7.2:** 4, 14, 18, 28, 34, 38, 40

**7.3:** 6, 16, 20, 30, 42, 48, 58, 63, 68

**7.4:** 2, 8, 10, 12, 17, 20, 26, 30, 40, 44, 52

**7.5:** 2, 6, 8, 10

**7.6:** 4, 6, 11

**8.1:** 12, 20, 24, 26

**8.2:** 8, 13, 24, 30, 34, 40, 46