

## Week 2 Homework for Math 124

### Assignments for Week 2

Remember that the first few problems in each section are supposed to be done online, so that you can get instant feedback. Use the “Read Online” version of the textbook to activate each question. These are all assigned from the Active Prelude to Calculus.

- Mon: Section 1.5 (Quadratics). #1-5, 7, 8. Turn in #7, 8.
- Tue: Section 1.6 (Composition). #4, 5, 7, 8, 10. Turn in #8, 10.
- Wed: Section 1.7 (Inverses). #1, 3, 6, 7, 9. Turn in #7, 9.
- Fri: Section 1.8 (Transformations). #1-4, 5, 6. Turn in #6.

### Rubric for Grading

The solutions should be written up cleanly and concisely. Each assignment is worth 20 points, and here is the grading rubric:

- 2 points: Your work should be easy to read with answers well marked.
- You will earn 8 points if you make a good-faith effort on all of the problems submitted.
- I will choose three of the problems to grade for accuracy. These will be graded on a scale of 0 to 3 (each). I am looking for clear and concise explanations on these. You may still earn full credit even if there is a minor error that leads to a wrong answer. Conversely, an answer provided with no justification will likely earn very little credit.
- On one of the problems (your choice), I would like you to go ‘Above and Beyond’ what is asked. This may mean investigating further, developing a related problem, or tying your work to something done outside of class. Please clearly mark where you have chosen to go ‘Above and Beyond’. This will be worth up to 1 point.