

## MATH 3100 – Homework #3

posted September 11, 2024; due by end of day on Wednesday, September 18

When I was a child, the Earth was said to be two billion years old. Now scientists say it's four and a half billion.

So that makes me two and a half billion. — Paul Erdős

Section and exercise numbers correspond to the online notes. Assignments are expected to be **neat** and **stapled**, with problems arranged in the order they appear below. **Illegible work may not be marked.**

### Required problems

1. §1.4: 10
2. §1.4: 15
3. §1.4: 17
4. §1.4: 23
5. §1.5: 3
6. §1.5: 6

### Recommended problems (NOT to turn in)

§1.4: 11, 20, 21, 22  
§1.5: 7(a)