

Set #1

10 points

*Warning:* If it has been a while since you took Math 2230 (Introduction to Abstract Mathematics), this will probably be a very challenging and time consuming assignment. Please plan accordingly.

Problems 1 – 10 are standard exercises that you should have mastered in Math 2230. They are worth 1/2 pts each. Our course begins with Chapter 2. So Problems 11 – 15 are each worth 1 pt each.

- (1) 1.1.1
- (2) 1.2.4
- (3) 1.2.6
- (4) 1.2.10
- (5) 1.3.4
- (6) 1.3.5
- (7) 1.3.7
- (8) 1.3.8
- (9) 1.4.7
- (10) 1.4.11

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- (11) 2.1.1
  - (12) 2.1.2
  - (13) 2.1.3
  - (14) 2.1.9
  - (15) 2.1.11

*Note:* Exercise a.b.c means section a.b exercise c. For example: To do (6) you need to do exercise 5 from section 1. 3 (on page 15).