

CSc 245 Discrete Structures - Summer 2021

Practice Problems #1

Due: Practice (not due)

Instructions:

Directions: Because we have an exam in a week, there's not enough time to have a graded homework. However, we're confident that you will benefit from working some problems on recently-introduced material that will be on the exam, whether or not we collect your answers. Thus, we offer this uncollected, ungraded homework. We recommend that you treat it as you would a regular homework: Write complete answers to all of the questions, do your own work, and show that work, when appropriate. We will be happy to answer questions about these problems.

| Section | Exercises | Points |
|---------|-----------------------------|--------|
| 2.1 | 1 | 0 |
| | 11 b,d,f | 0 |
| | 15 | 0 |
| | 23 b | 0 |
| | 27 | 0 |
| | 35 a ($A^2 = A \times A$) | 0 |
| | 45 a,c | 0 |
| 2.2 | 1 a,d | 0 |
| | 3 a,c | 0 |
| | 9a | 0 |
| | 21a | 0 |
| | 29a | 0 |
| | 53 b | 0 |
| 2.6 | 2 a | 0 |
| | 3 b | 0 |
| | 9 | 0 |
| | 23 | 0 |
| | 27a,c | 0 |