

Week 2 - Number Theory Basics and the One-Time Pad

MAT260: Cryptology

Student Name

Date

Introduction:

The assigned computer problems this week are from Chapter 3, Problems 1, 6, 7, and Chapter 4, Problems 2, 4.

Make sure to review the example computer problems in "Appendix C.3 Examples for Chapter 3" that work similar problems to those you are assigned.

Make sure to run your code so all relevant computations/results are displayed and then export your work as a PDF file for submission.

Chapter 3 Problems:

Problem 1:

```
% Problem 1 Code Here
```

Problem 6:

```
% Problem 6 Code Here
```

Problem 7:

```
% Problem 7 Code Here
```

Chapter 4 Problems:

Problem 2:

```
% Problem 2 Code Here
```

Problem 4:

```
% Problem 4 Code Here
```