Problem Set 8
CPSC 289 Discrete Structures
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The assignment is due on Friday, October 31, before class.

Study Chapters 3 and 5. Solve many odd-numbered exercises!

1. Chapter 3.4, Exercise 8 (here $a \mid b$ means a divides b)

2. Chapter 3.4, Exercise 20

3. Chapter 3.6, Exercise 24 b), d), f)

4. Chapter 3.5, Exercise 18 (use the definition of the Euler's totient function ϕ given before Exercise 17 rather than the definition used in the RSA notes).

5. Chapter 3.7, Exercise 2

6. Chapter 3.7, Exercise 8

7. Chapter 3.7, Exercise 10

8. Chapter 3.7, Exercise 28 a)

9. Chapter 3.7, Exercise 36 d)-h)

10. Chapter 3.7, Exercise 46

You have to list all help that you have received!
Read the syllabus and study the Aggie honor rules!