

Practice Problems

September 28, 2022

Book: An Introduction to the theory of numbers (Zuckerman)

1. Divisibility
1.(b), 3.(d), (e), 23, 43, 46
2. Primes
11, 16, 20, 22, 27, 29, 32
3. Congruences
20, 21, 22, 27, 28, 40
4. Solutions of congruences
6
5. Chinese Remainder Theorem
2, 3, 7, 26, 29
6. Prime power solutions
2, 4, 5, 7
7. Prime modulus
1.(all parts), 2, 3