

ENEE/CMSC/MATH 456: Cryptography
Chinese Remainder Theorem Class Exercise 4/13/22

1. Use the method described in class to find the unique number x modulo 35 such that:

$$x \bmod 7 = 4$$

$$x \bmod 5 = 2$$

2. Use the method described in class to find the unique number x modulo 56 such that:

$$x \bmod 7 = 5$$

$$x \bmod 8 = 3$$