

Homework 3
(501513-3) Cryptography
Fall 2020

Due: Thursday November 21, 2020, 11:59 p.m. via Blackboard

In an RSA cryptosystem, Alice uses two prime numbers $p = 11$ and $q = 17$ to generate her public and private keys. If the public key of Alice is 7. Then the private key of Alice is? Show the process if Alice wants to send a message $x = 5$ to Bob.