

Quiz #4

Please print your name:

Problem 1. Bob's public RSA key is $N = 55$, $e = 3$.

- (a) Encrypt the message $m = 8$ to send it to Bob.
- (b) Determine Bob's secret private key d .

Problem 2. Bob's public RSA key is $N = 33$, $e = 17$, and his secret key is $d = 13$.

Decrypt the ciphertext $c = 6$.