Greetings! My name is _____________________________. I’m sending you a secret message made up of words m.

I used your public key, which was:

\[ e = \underline{\text{____________}} \quad \text{n} = \underline{\text{________________________}}. \]

To encode it, I multiplied each of my numbers by your public key “e” and reduced them mod n:

\[ m \cdot e \equiv \underline{\text{______________________________}} \pmod{n}. \]

To decode it, you should multiply ↑ each of those numbers ↑ by your secret key “d” and reduce them mod n:

\[ m \cdot e \cdot d \equiv \underline{\text{______________________________}} \pmod{n}. \]