

Question 2:

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- Suppose Bob uses the RSA cryptosystem with a very large modulus n for which the factorization cannot be found in a reasonable amount of time. Suppose Alice sends a message to Bob by representing each alphabetic character as an integer between 0 and 25 (A→,...,Z→25) and then encrypting each number separately using RSA with large e and large n.
 - Is this method secure?
 - If not, describe the most efficient attack against this encryption method.