Alice and Bob agree to use $p = 227$ and $\alpha = 190$ for Elgamal encryption

1. Verify that p and α are reasonable choices
2. Pick a private d, compute β, and write on the board
3. Pick a plain text $x \in \mathbb{Z}_{227}^*$, encrypt using Elgamal and write on board
4. Decrypt message sent to you, and write decrypted message on board