

Cryptography Homework

This will be the final homework to be submitted for the semester. For each of the problems, I am looking for the plaintext for the given ciphertext.

1. PT BOAT ONE OWE NINE LOST IN ACTION IN BLACKETT STRAIT TWO MILES SW MERESU COVE X CREW OF TWELVE X REQUEST ANY INFORMATION.
2. He who laughs last didn't get it. $y \equiv 3x + 11 \pmod{26}$
3. I poured some spot remover on my dog. Now I can't find him.
4. $y \equiv 9x + 5 \pmod{26}$ So, GDJO \rightarrow dumb