

Due at beginning of class Monday, April 20

This should be your own work (no other people or software (including AI)).

Questions about quiz should be directed to Prof. Arnold

Short explanations are helpful.

Name: _____

1. Explain how you know that 25 has a (multiplicative) inverse in \mathbb{Z}_{72} .

2. Find the inverse of 25 in \mathbb{Z}_{72} (showing your work).