

Name:

Notice:

1. Please box your final answer.
2. Please stop writing when time is up.

Problem 1 (5 points):

Consider the ring $(\mathbb{Z}_{25}, +, \times)$.

1. (2 point) How many elements are there? 25
2. (3 point) How many zero-divisors are there? 4
3. (0 point) How many units are there? 20