1. Section 2.6 Problem 2

2. Section 2.6 Problem 10 (skip (c)).

3. Section 2.7 Problem 2

4. Find an isomorphism $\phi : \langle Z_{12}, + \rangle \rightarrow \langle Z_{13}^*, \cdot \rangle$. (Idea: $\phi(1)$ determines $\phi$, try various $\phi(1)$ until one works.)

To me, it does not seem unlikely that on some shelf of the universe there lies a total book. I pray the unknown gods that some man - even if only one man, and though it have been thousands of years ago! - may have examined and read it. If honor and wisdom and happiness are not for me, let them be for others. May heaven exist, though my place be in hell. Let me be outraged and annihilated, but may Thy enormous Library be justified, for one instant, in one being.

from The Library of Babel by Jorge Luis Borges