Introduction to Relations
CSE 1400 Applied Discrete Mathematics
Spring 2013

The purpose of these exercises is to test your understanding of relations.

1. What is the Cartesian product \{0, 1\} \times \{a, b\}?

2. Is \{(0, a), (1, b)\} a relation on \{0, 1\} \times \{a, b\}?

3. What is the divides relation on the set \mathbb{Z}_6 = \{0, 1, 2, 3, 4, 5\}?