

Math 2001: PHW10

Due: April 6, 2016

1. From the book do:

5B. 24

11.0. 4, 14

11.1. 4, 14

11.2. 2, 10, 12

2. Let A be a set with n elements.

(a) How many reflexive relations are there on A ?

(b) How many symmetric, reflexive relations are there on A ?

(c) How many equivalence relations are there of A , if $n = 5$?