

CS 135 Discrete Structures Spring 2015

Homework Assignment #7: Relations

All problems taken from 'Rosen'.

Remember to include the Pledge on your submission.

Section 9.1

#1[c only]

#2[a-b only] (For part b, you may use a digraph [from Sec. 9.3] instead, if you wish.)

#3[a-e only]

#4

#30

#32 Also compute $R \circ S$. Clearly label each.

Section 9.3

#2[c only]

#4[a only]

#15[a-b only]

#24

Section 9.4

#1

#26[a-b only]

You don't need to use Algorithm 1 from the textbook, but you do need to show some work.