REMINDER: Staple your homework. Homework is to be submitted to the TAs or to the locker in MUDD 122A.

Section 9.1: ___ / ___
   ___ / ___ 6.b: Properties on \( x = \pm y \)
   ___ / ___ 6.f: Properties on \( xy = 0 \)
   ___ / ___ 32: Composed relation \( S \circ R \)
   ___ / ___ 56.a: Find \( R^2 \)

Section 9.3: ___ / ___
   ___ / ___ 2.a: Represent relation as a matrix
   ___ / ___ 14.c: Find \( R_2 \circ R_1 \)
   ___ / ___ 22: Draw the digraph of the relation

Section 9.5: ___ / ___
   ___ / ___ 2: Equivalence or not? If not, why not?
   ___ / ___ 22: Digraph an equivalence relation?
   ___ / ___ 48.c: List pairs from partitions
   ___ / ___ 62: List equivalence relations on a set of four elements

Section 9.6: ___ / ___
   ___ / ___ 22.c: Hasse diagram
   ___ / ___ 28: Covering relation on a partial ordering involving ‘divides’
   ___ / ___ 34: Find special elements of a Poset

Section 10.2: ___ / ___
   ___ / ___ 24: Is the graph bipartite?
   ___ / ___ 42.g: Is a sequence graphic?
   ___ / ___ 55: How many vertices does a specific regular graph have?

Section 10.3: ___ / ___
   ___ / ___ 38: Are the two graphs isomorphic?
   ___ / ___ 42: Are the two graphs isomorphic?
   ___ / ___ 44: Are the two graphs isomorphic?

GRADE: __________ out of __________ points