

This miniproject asks you to explain some results regarding the inverse and complementary relations of a given relation R when using either the matrix or the digraph representation. The definition of the inverse and complementary relations are given just prior to #24 in section 8.1.

- (a) Do #11 in section 8.3.
- (b) Do #12 in section 8.3.
- (c) Do #13a and #13b in section 8.3.
- (d) Do #33 in section 8.3.
- (e) Do #34 in section 8.3.