Math 3098: Modern Algebra 1. Instructor: Walton

Homework #7 on §2.5, 2.6 of Goodman

Include full statements of problems in your solution set.

Write complete proofs, when proofs are requested.

Don't copy proofs from the internet!

Be honest– show what you know.

Due: Thursday, October 20, 2016 at the beginning of class **sharp**

(1) [1 point] Exercise 2.5.4 from Goodman.
(2) [1 point] Exercise 2.5.5 from Goodman.
(3) [1 point] Exercise 2.5.6 from Goodman.
(4) [1 point] Exercise 2.5.7 from Goodman.
(5) [1 point] Exercise 2.5.8 from Goodman.
(6) [1 point] Exercise 2.5.14 from Goodman.
(7) [1 point] Exercise 2.6.2 from Goodman.
(8) [1 point] Exercise 2.6.3 from Goodman.
(9) [1 point] Exercise 2.6.4 from Goodman.
(10) [1 point] Exercise 2.6.6 from Goodman.

(Bonus*) [+1 point] Exercise 2.6.1 from Goodman.

(Bonus*) [+2 points] Exercise 2.5.16 from Goodman.