

ALGEBRA 2 – PROBLEM SET 4 – UNIVERSITY OF PITTSBURGH, FALL 2019

Due on Friday September 27.

The main topic of this problem set is fraction rings and localization.

- (1) DF §7.5, Problem 2.
- (2) DF §15.4, Problem 18.

Not to turn in, but please read for any new content. Of course, you can do them as exercises if you like! Contact me or your classmates if you would like to propose more interesting problems.

- (1) DF §15.4, Problem 2.
- (2) DF §7.5, Problem 5.
- (3) DF §7.4, Problem 30. (This is a next step after the problem about the nilradical mentioned in last week's list of extra problems.)