

# Math 113(2) - Comments for HW12

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Some general comments:

1. Please use staplers or clips, not just fold the left-upper corner of papers!
2. Try to write well! - maybe this will be harder than the first one...
3. If you can, try to use  $\LaTeX$ .
4. For questions that requires proofs, I almost not give any partial credits.

## **Section 26, Problem 20**

## **Section 27, Problem 8**

## **Section 27, Problem 32**

Check that  $N$  is an ideal of  $F[x]$  (5 points) and prove the last statement (5 points).