

Please review the following chapters.

- Chapter 21 - Algebraic Extensions
- Chapter 22 - Finite Fields

Do the following problems. Write the solutions to some of them in  $\mathcal{A}\mathcal{M}\mathcal{S}\mathcal{E}\mathcal{T}\mathcal{E}\mathcal{X}$ . Submit the solutions to the appropriate assignment in Microsoft Teams. They will be due Sunday.

Remember to use the definitions presented in the book to start these problems (e.g. 21.5).

- Chapter 21 # 5, 7, 15, 23, 35
- Chapter 20 # 2, 4, 9, 19, 20

If you would like to see a way to do any of our previous problems, send me a message on Windows Teams and I will write up a solution.

If you want to discuss the problems or to get a hint, just send a message on the chat in Teams.

We will have another meeting in Microsoft Teams tomorrow, Wednesday, April 15, 2020, at 2 P.M.

“See” you then!