

Please review the following chapters.

- Chapter 19 - Vector Spaces (over an arbitrary field)
- Chapter 20 - Extension 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.

- Chapter 19 # 6, 16, 18, 29
- Chapter 20 # 4, 5, 15, 24, 31, 32

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 8, 2020, at 2 P.M.  
“See” you then!