What to Study for the Final Exam
MTH 3318
Fall 2023

In preparation for the Final Exam, go to my website:

www.pat-rossi.com
  Academic Links
    MTH 3318

and work through the following:

1. Test #1 - Fall 2023

2. Test #2 - Fall 2023

3. Test #3 - Fall 2023

Know how to do:

     4. The exercises in ***Group 5 - Functions #1***

     5. The proof that the set of even integers **E** is countably infinite

     6. The proof that 5**Z,** the set of integers that are multiples of 5, is countably infinite

(The proofs of 5, 6 can be found on my website at ***Group #5 - Functions 2***)

     7. The proof that the set of integers **Z** is countably infinite

     8. The proof that $\mathbf{Q}^+$ is countably infinite

     9. The proof that the set of real numbers in the interval [0, 1] is uncountable

       (The proofs of 8, 9 can be found on my website at ***Group #5 - Functions 2a***)

     10. The exercises in Group 5 - Functions #1

If you want more practice doing a certain type of exercise, work through similar exercises in:

     What to Study for Test #1
     What to Study for Test #2
     What to Study for Test #3

on my website