
1050 Week at a Glance:

Week 4

Math 1050-90

Objectives

2.5

- Ó Determine the number of zeros of polynomial functions
- Ó Find rational zeros of polynomial functions
- Ó Find conjugate pairs of complex zeros
- Ó Find zeros of polynomials by factoring
- Ó Write a polynomial function given the roots.

2.6

- Ó Find the domain of rational functions
- Ó Find horizontal, vertical and slant asymptotes of rational functions
- Ó Analyze and sketch the graph of a rational function
- Ó Use rational functions to model and solve real life problems

To Do:

For Lessons 2.5 – 2.6

- Book reading
- Print blank slides
- Watch lecture videos
- Practice Problems
- WebAssign Homework

Study Tip of the Week:

Are you reading the textbook? The textbook provides many more examples and details than the videos do. When you spend time reading the textbook, you should get the most “bang for your buck”, by reading actively, not passively.

Get your notebook, paper (for covering), and a pen/pencil. When you come to an example, cover over the solution. Try to solve it on your own. If you can solve it, great. Then read the solution, comparing your work to what the book suggests. If you are stuck, read just one line of the solution. Is this enough of a hint? Then continue solving. If not, read one more line, trying to solve when you can or if the problem is not familiar, then mark it as a red problem (see last week’s study tip).

This method of reading a book helps you absorb and retain much more information than just zooming through the section!

Extra tasks for the week:

Take Midterm 1. :)

Due by Sun 11 pm

- Canvas Quiz Week 4

Due by Mon of next week, 11 pm

- WebAssign HW 2.5
- WebAssign HW 2.6