
1050 Week at a Glance:

Week 2

Math 1050-90

Objectives

- Identify relations between two variables and determine if they are functions
- Use function notation and evaluate functions
- Determine the domain of a function
- Model problems with functions

- Find the zeros of a function
- Determine intervals for which the function is increasing or decreasing
- Determine relative maximum and minimum values of a function
- Use vertical stretch (shrink) to graph a function
- Use vertical and horizontal shifts to sketch a function
- Use vertical and horizontal reflections to graph a function

- Define composition of functions
- Give examples of composing functions algebraically and by graphing
- Define inverse function
- Practice finding inverse function algebraically and by graphing

Study Tip of the Week:

Keep an organized notebook. When you are solving WebAssign homework problems, write down the problem, not just the work (so that you can tell what the problem was without opening up your computer). Write down the work you do on quizzes in an organized way too. Then, when the solutions are posted, it is easy to compare your work to the solutions. (And having your work at hand makes it easy to request partial credit, if you were marked wrong.)

Due by Sun 11 pm

- Canvas Quiz Week 2

Due by Mon of next week, 11 pm

- WebAssign HW 1.4, 1.5 & 1.6
- WebAssign HW 1.7
- WebAssign HW 1.8, 1.9

To Do:

For Lessons 1.4 – 1.9

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

Supplementary Materials:

- Watch the extra lecture video about How to Read a Graph
- Do the additional problem on Reading a Graph
- Read “Handout: Transformations that change a graph's shape”