

MATH 150

Today

1. WeBWorK
2. Chapter 0 (0.6)
3. Homefun

Goals:

1. Algebra Review
 - (a) Operations on functions (Understand arithmetic operations on functions and inverses and transformations of functions)

Where is today's material used?

1. Functions are central throughout mathematics and science (physics, chemistry, economics, ...)

Chapter 0: Getting on the Same Page

1.
 - (a) Combinations (constant multiple, sum/difference, product/quotient)
 - (b) Composition
 - (c) Transformations and their effects on graphs [see table on p. 66]
 - (d) Symmetry (even and odd functions)
 - (e) Inverse of a function
 - (f) Transformations (translations, stretches, reflections)
2. Examples: p. 74: 9, 12, 16, 21, 24, 27, 39, 41, 42, 48, 61, 64, 77, 79

Next Time

1. Watch Sections 1.1-1.2 [20 min, 28 min]