Combinations of Transformations

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1 Administrivia

Announcements

No class Monday. Exam II in one week.

Assignment

2.10 for Wednesday. Online quiz.

From Last Time

Basic transformations.

2 Introduction

1. What will \( f(x) = -\sqrt{x} \) and \( g(x) = \sqrt{-x} \) look like? Domain, range?

2. Consider \( f(x) = |x| \) if \( -3 \leq x \leq 3 \).

   (a) What is the domain and range of \( f(x/2+1) \)?

      Sketch.
(b) Repeat for \(2f(x) - 2\).

3 Class Practice

Pp. 109–110: 1 c–f; 2 a, c; 4 a.