Dror Bar-Natan: Classes: 2004-05: Math 157 - Analysis I:

## Homework Assignment 10

Assigned Tuesday November 16; due Friday November 26, 2PM, at SS 1071

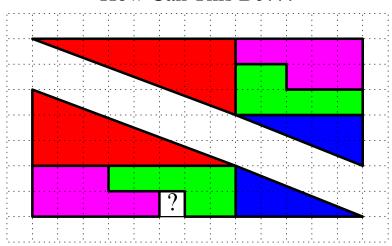
Required reading. All of Spivak's Chapters 10 and 11.

To be handed in. From Spivak Chapter 10: Problems 8 and 9 (notice — in problem 9 replace " $-\sqrt{3}x$ " by " $-\sqrt{3}x$ "). From Spivak Chapter 11: Problems 2 (odd parts), 4, 12, 40.

**Recommended for extra practice.** From Spivak Chapter 10: Problems 7, 15, 18. From Spivak Chapter 11: Problems 2 (even parts), 8, 19, 29.

Just for fun.

## How Can This Be???



two congruent triangles are assembled from congruent pieces, yet one of them is bigger