

## Textbook

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This lecture discusses section 4 of the textbook.

## Homework

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The homework is due Wednesday, October 13, 2010.

From Section 4 of the textbook, do exercises 8, 10, and 12.

## rational numbers

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definition of a rational number

## sum of rational numbers are rational, and so forth

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## proof that square root of 2 is irrational

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a triumph!