

## Textbook

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This lecture discusses section 5 of the textbook.

## Homework

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The homework is due Thursday, October 28, 2010.

From Section 5 of the textbook, do exercises 11 and 12.

this homework will force you to summarize today's lecture and give your own proof of the binomial theorem.

## binomial coefficients

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explain the notation.

properties.

boundary conditions.

## proof of the binomial theorem

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