11. Permutations, Combinations, and the Binomial Theorem

Chapter 11 Permutations, Combinations, and the Binomial Theorem

11.1A	Permutations Fundamental Counting Theorem, Factorial Notation
11.1B	Permutations Permutations, Solving for n
11.1C	Permutations Permutations with repeated elements, pathways
11.2	Combinations
	Quiz
11.3A	The Binomial Theorem Expanding a binomial , Pascal's Triangle, One Term
11.3B	The Binomial Theorem Determine any term, Constant term
	Worksheet Review
	11. Review
	11 Permutations, Combinations, and the Binomial Theorem Exam

Perms and Combs Notes

Interactive Notes packages for Students

11.1 Permutations

Class Notes

The McGraw-Hill Ryerson PreCalculus 12 Text is used as the Main Resource.
Assignments in the Powerpoint Lesson Plans refer to pages and questions in the PreCalculus 12 text.

11.1A Fundamental Counting Principle and Factorial Notation
11.1A FCP and Tree Diagrams (Notebook File)
11.1B Permutations
11.1C Permutations

11.2 Combinations

Class Notes

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Assignments in the Powerpoint Lesson Plans refer to pages and questions in the PreCalculus 12 text.

11.2 Combinations
Intro to Combinations (Notebook File)

11.3 The Binomial Theorem

Class Notes

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11.3 Binomial Theorem
Binomial Theorem Worksheet

11.4 PCBT Review

M30-1 Chapter 11 Review (Permutations, Combinations, & Binomial Theorem) DK