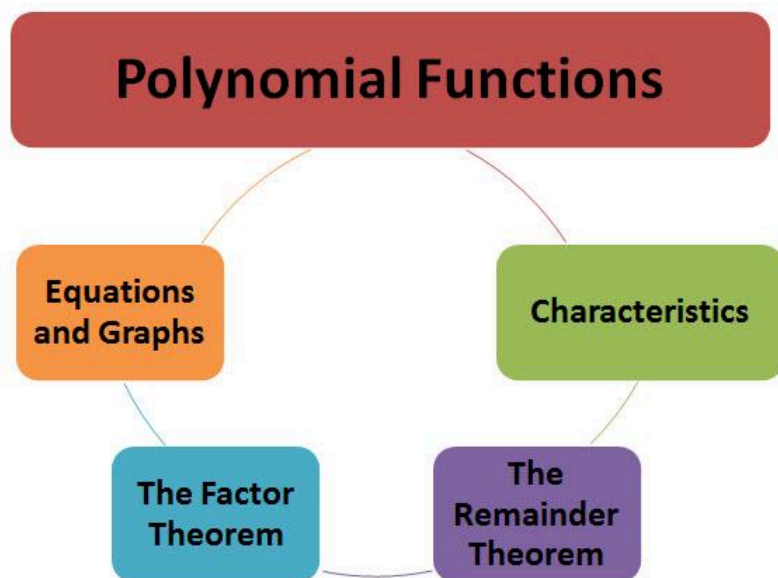


3. Polynomial Functions



3. Polynomial Function Outline

3.1	Characteristics of Polynomial Functions
3.2	Long Division, Synthetic Division The Remainder Theorem
3.3	The Factor Theorem Word Problems including Max Volume
	Review Worksheet
	Quiz
3.4	Equations and Graphs of Polynomial Functions Multiplicity
	Review
	3. Polynomial Function Exam

Polynomial Notes

[Interactive notes for Students](#)

3.1 Characteristics of Polynomial Functions

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.

[3.1 Characteristics of Polynomial Functions](#)

Formative Assessment

[polynomial features.docx](#)

3.2 Remainder Theorem

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.

[3.2 The Remainder Theorem](#)

Formative Assessment

[polynomials remainder and factor theorem.doc](#)

3.3 The Factor Theorem

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.

[3.3A The Factor Theorem](#)

[3.3B Solving Problems](#)

Digital Resources

Nspire Activity:

[3.3B The Classic Box Problem Exploration](#)

Click this link to learn more about [Problem Solving: Maximum Volume of a Box with No Lid Activity](#)

Formative Assessment

[polynomials factoring and solving.doc](#)

3.4 Equations and Graphs of Polynomial Functions

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.

[3.4 Equations and Graphs of Polynomial Functions](#)

Digital Resources

Nspire Activities:

[Multiplicity and Zeros of Functions](#)

[Match My Graph](#)

3. Polynomial Functions Review

[3. Polynomial Functions Review](#)

[Facebook Performance Task](#)