

## 4. The Quadratic Equation

### Lesson Plans and Interactive Resources for 1.Arithmetic Sequences and Series

The McGraw-Hill Ryerson PreCalculus 11 Text is used as the Main Resource.

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

- [4.0 Quadratic Equation Outline](#)
- [Quadratic Equations Concept Review](#)

### Lesson Plans

- [4.1 Solve Quadratic Equations by Graphing](#)
- [4.2 Factoring Quadratic Equations](#)
  - [4.2A Factoring Quadratic Equations](#)
  - [4.2B Solve Quadratic Equations by Factoring](#)
- [4.3 Solve Quadratic Equations by Completing the Square](#)
- [4.4 Quadratic Formula](#)

### Digital Resources

- [Discriminant Testing](#)
- [Nspire Files](#)
- [Bellagio Fountains](#) (video)
- [Quadratics in Factored Form](#)
- [Roots of a Quadratic Gizmo](#)

## Other Resources

- [Activities and Worksheets](#)
- [Comparing Quadratic Functions and Equations](#)
- [Frayer Model](#)