Algebra 2 sirimanne 0910

Unit 4 // Lesson 2 // Quadratic Formula

Name:
Date: Period: 1 2 3 4 5 6

Standards: 8.0 Holt: 5-6 Quadratic Formula p. 356

Objective

Lecture

Q: How can we find the x-intercepts, roots, solutions, or zeroes, if we cannot use the x-factor on it?
A:

Quadratic Equation: an equation that looks

Quadratic Formula:

Number of Solutions

Discriminant:

$b^2 - 4ac$ $b^2 - 4ac$ $b^2 - 4ac$

Examples

When: $\mathbf{ax^2 + bx + c = 0}$

Ex 1: $\mathbf{x^2 + 5x - 14 = 0}$

Ex 2: $\mathbf{2x^2 - 3x - 8 = 0}$