Algebra II Section 5.6 Day 2 The Quadratic Formula

Nov 7-2:36 PM

Bell Ringer

What Quadrants are the solutions in? $y \ge -2x + 3$ and y < x - 7 What happens if the number under the radical is negative?????

Nov 11-9:36 AM

$$x = \frac{-b + \sqrt{b^2 - 4ac}}{2a} imaginary$$

Nov 7-2:48 PM Nov 7-2:59 PM

Find the zeros of the function using the Quadratic Formula. $f(x) = 3x^{2} - k + 8$ 0 = 3 0 = -1 0 = -1 0 = 8 0 = -1 0 = 8 0 = -1 0 = 8 0 = -1 0 = 8 0 = -1 0

Find the zeros of the function using the Quadratic Formula.

$$f(x) = 4x^2 + 3x + 2$$

$$0 = 4$$

$$0 = 3$$

$$0 = 3$$

$$0 = 3$$

$$0 = 3$$

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$$0 = 3$$

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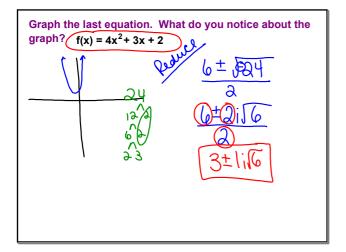
$$0 = 3$$

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Conclusion

- 1. What will always work when solving a quadratic?
- 2. What do you do if you have a negative under the radical?
- 3. What does the graph look like if there is a negative under the radical?

Nov 11-8:43 AM Nov 11-8:40 AM

Assignment

Page 361 8-13

and review (you will have about 20 minutes in class tomorrow for review)

Nov 11-8:48 AM