## Section 8.1 Solving Quadratic Equations by Completing the Square

Square Root Property

If $x^2 = c$, then $x = \sqrt{c}$ or $x = -\sqrt{c}$

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How to solve a quadratic equation using the square root property

1) Isolate the expression containing the square term.
2) Use the Square Root Property.
3) Isolate the variable, if necessary.
4) Check your solutions.

Example 1: Use the square root property to solve each equation.