## Lesson 13: Constants in Quadratic Equations

* Let’s explore the constants in quadratic equations.

### 13.1: Math Talk: Halved and Squared

For each value of , mentally find .

### 13.2: Solving Quadratics with Perfect Squares

Solve each of these equations for all values of that make the equation true.

### 13.3: Make It a Perfect Square

For each expression:

* Find a value that could be added as a constant term to make each expression a perfect square.
* Add the value you found and rewrite the expression in factored form.



© CC BY 2019 by Illustrative Mathematics®