## Unit 7 Lesson 13: Constants in Quadratic Equations

### 1 Math Talk: Halved and Squared (Warm up)

#### Student Task Statement

For each value of , mentally find .

### 2 Solving Quadratics with Perfect Squares

#### Student Task Statement

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

### 3 Make It a Perfect Square

#### Student Task Statement

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.



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