Section 7.3b Perfect Square Trinomials

# Objective 1: Factoring Perfect Square Trinomials

A trinomial is a **perfect square trinomial** if it can be written so that its first term is the square of some quantity , its last term is the square of some quantity , and its middle term is twice the product of the quantities and .

**Perfect square trinomials:**

Factor the perfect square trinomial.

|  |  |
| --- | --- |
| a. | b. |

|  |  |
| --- | --- |
| c. | d. |