Section 7.5 Factoring Binomials

# Objective 1: Factoring the Difference of Two Squares

A binomial is a **difference of two squares** when it is the difference of the square of some quantity and the square of some quantity .

**Difference of two squares:**

For example, the binomial is called a **difference of squares**. The expression can be written in factored form as follows:

Factor the binomial completely.

|  |  |
| --- | --- |
| a. | b. |
|  |  |
| c. | d. |
| e. | f. |
| g. | h. |